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A DICTIONARY OF MOSSES

Second Printing

MARSHALL R. CROSBY
ROBERT E. MAGILL

Missouri Botanical Garden

MISSOURI BOTANICAL
GARDEN LIBRARY

A DICTIONARY OF MOSSES

an alphabetical listing of genera
indicating familial disposition, nomenclatural
and taxonomic synonymy
together with
a systematic arrangement of the
families of mosses
and
a catalogue of family names
used for mosses

Second Printing, with corrections and additions

MARSHALL R. CROSBY
ROBERT E. MAGILL

Published by

Missouri Botanical Garden

1978

MONOGRAPHS IN SYSTEMATIC BOTANY
from the Missouri Botanical Garden

Volume 3. August 1978.

ISSN 0161–1542

Authors' addresses: Department of Botany, Missouri Botanical Garden, 2345 Tower Grove Avenue, St. Louis, Missouri 63110 and Botanical Research Institute, Private Bag X 101, Pretoria 0001, South Africa.

The DICTIONARY was first published in August 1977 in an edition of 500 copies. Additions and corrections have been incorporated into various sections for this second printing.—Marshall R. Crosby

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Contents

Introduction v

Dictionary of Mosses 1

Systematic Arrangement of the Families of Mosses 34

Index to the Systematic Arrangement 35

Catalogue of Family Names Used for Mosses 36

References 43

Introduction

Although there are probably more species of mosses than any other class of green plants except angiosperms, their classification above the level of genus has received surprisingly little attention during the past 50 years. However, during that period a large number of genera have been described as new, some generic names have been reduced to synonymy of others, while still others have been replaced on nomenclatural grounds. A few genera have been reclassified from one family to another in attempts to arrive at a better overall classification of the mosses. This DICTIONARY provides a means of quickly determining the family in which any genus of mosses is placed. Since names treated as synonyms, many orthographic variants, and the names for genera which are accepted as taxonomic entities are included, the DICTIONARY should prove a useful curatorial tool. The last such comprehensive guide to the familial disposition to the genera of mosses appeared more than 50 years ago as Brotherus' treatment of the mosses in *Die natürlichen Pflanzenfamilien* (1924–25). The DICTIONARY began as a simple card catalogue of the generic names in Brotherus and was used as a curatorial tool at the Missouri Botanical Garden. But this basic list soon proved inadequate, since so many moss generic names have been published since 1925. Using *Index Muscorum* (Wijk et al., 1959–69) as a source, the original publications of all post-1925 names for moss genera were studied to determine the family in which the genera were originally placed. Later, all the remaining validly published names listed in the *Index Muscorum* were added to the catalogue, these being basically synonyms and orthographic variants. Regular surveys of the current literature supplied many additional generic names which have been published since the closing date for the *Index Muscorum*, the beginning of 1963. Finally, the catalogue was compared against a printout of the moss names which have been catalogued for the *Index Nominum Genericorum* project.

In the DICTIONARY OF MOSSES proper the familial disposition used by Brotherus is always given. But in those cases where we think that it has been reasonably demonstrated that a genus should be placed in another family, we have done so, indicating Brotherus' placement in parentheses. For genera published since 1925, the disposition of the original publishing author is given, unless it has been changed subsequently. In these cases, the original disposition is given in parentheses.

Only names which have been validly published are included in the DICTIONARY. Generic names which are considered correct appear in *italic* while those which are not appear in roman. Taxonomic synonymy is indicated by the equal to sign (=), and nomenclatural synonymy is indicated by the identical with sign (≡). Many generic names have never been typified, and in some of these cases it is not yet possible to give a correct name. The notation "= p.p. . . . & p.p. . . ." has been used when the species of untypified names are now placed in two or more genera. Later homonyms are indicated by the abbreviation "hom. illeg." Names which are otherwise illegitimate are noted by "nom. illeg." We have generally not distinguished between intentional and unintentional changes in orthography. These changes have been treated as orthographic variants ("orthogr. var.") and attributed to the author who made the change. In those few cases where the original orthography of a name has been changed and the changed orthography is the accepted one, the changed orthography is attributed to the original publishing author of the name rather than the person who made the correction. In these cases the original spelling is listed as a variant. Names conserved or rejected under the *International Code of Botanical Nomenclature* are indicated with "nom. cons." and "nom. rejic.," respectively. For a few genera which are recognized as good taxonomic groups we have been unable to determine correct names.

Several revised classifications of mosses at the family level have appeared since 1925. The revisions have been slight, and most floras and many herbaria are arranged according to the system used by Brotherus. We have included an outline of this system, the SYSTEMATIC ARRANGEMENT OF THE FAMILIES OF MOSSES, as an aid to curating herbaria arranged according to this system. This SYSTEMATIC ARRANGEMENT is modified from that used by Brotherus to the extent of the addition of families which have been published since 1925 and by the addition of some pre-1925 families which we recognize as distinct but which he did not. The families are numbered sequentially according to the system used by Brotherus; names which have been intercalated into this system are given the number of the closest *preceding* family in Brotherus, followed by a letter as needed. In the SYSTEMATIC ARRANGEMENT, families which are recognized in the DICTIONARY are in small caps (DICRANACEAE), while those which are not recognized are in lower-case (Leucobryaceae).

An alphabetical INDEX TO THE SYSTEMATIC ARRANGEMENT is provided so that the various families can be easily located in the SYSTEMATIC ARRANGEMENT. The number after each entry in the INDEX is that given to the family in the SYSTEMATIC ARRANGEMENT.

A second alphabetical listing of family names is also included. This CATALOGUE OF FAMILY NAMES USED FOR MOSSES gives the full citation for all of the validly published names for families of mosses. Those names which are adopted in our SYSTEMATIC ARRANGEMENT, and hence in the DICTIONARY, appear in small caps, while those which are not used are in lower case. The correct name for these latter names is indicated with the equal to or identical with sign. A few names which we consider invalid are also included in this CATALOGUE, for reasons explained below.

Three criteria, based on the Principles and Articles of the *Code* have been used to determine if a name is included in the CATALOGUE. First, the rank given to the name must have been specifically stated as family or order, or variations of these words (Article 18). Second, we have interpreted Principle V and Article 32, Note 1, to mean that a name must have had a Latin ending when published in order to be validly published. Compilers of catalogues of family names for some other groups of plants have interpreted the *Code* more broadly than we and accepted as validly published names with modern endings. The modern endings were changed to the correct -aceae Latin termination by these other compilers. Third, the name must have been validly published under Articles 18 or 32. Several names which are not based on generic names are included in the CATALOGUE. We consider these invalid under Article 18, Note 3, but have included them since they have been widely used in the literature.

Most of the family names in current usage are correct under the *Code*. There are a few important exceptions, all based on the principle of priority: Ceratodontaceae and Distichiaceae were published simultaneously (1860) and antedate Ditrichaceae (1887); Hyophilaceae (1847) antedates Pottiaceae (1856); Macrohymeniaceae (1883) antedates Sematophyllaceae (1908); and Orthotheciaceae (1856) and Pterigynandraceae (1876) antedate Entodontaceae (1897). One of us has proposed that the next International Botanical Congress conserve the more familiar names and reject their earlier synonyms (Magill, 1977, 1978).

Authors are abbreviated according to Sayre, Bonner, and Culberson (1964) throughout. Abbreviations for authors not included in their list have been derived in accordance with the principles used there.

Acknowledgments. This work was carried out during the tenure of National Science Foundation grants GB-28497 and GB-43656 and National Endowment for the Arts grant R50-20-295, all to the Missouri Botanical Garden. We, of course, accept responsibility for the final product, but copies of the manuscript were sent to

several reviewers, and we appreciate the many useful suggestions made by H. A. Crum, W. C. Steere, R. H. Zander, A. Touw, H. Robinson, A. Noguchi, W. Schultze-Motel, W. A. Weber, W. B. Schofield, Z. Iwatsuki, G. L. Smith, G. Sayre, M. G. Manuel, N. G. Miller, T. Koponen, and W. D. Margadant. We thank Ellen Farr, Smithsonian Institution, for making a printout of the names for the *Index Nominum Genericorum* available to us and for useful suggestions. Martha Botsford Ballard and Susan Stangler, Missouri Botanical Garden, pointed out several omissions and helped proofread the manuscript. Judy Wolf saw the main portion of the manuscript through several retypings.

We particularly appreciate the encouragement received from Donald Richards and dedicate the DICTIONARY to him.

Acknowledgements for the second printing: The second printing lists several new names which have been published since the first printing and reflects some changes in taxonomic concepts which have appeared in the literature. We recognize 795 genera as distinct; 792 were recognized in the original printing. Several errors have been corrected, and we appreciate the help of the following for bringing some of these to our attention: M. Botsford Ballard, W. R. Buck, Z. Iwatsuki, T. Koponen, and R. H. Zander.

Abietinella C. Müll. ..... THUIDIACEAE
Acamptodous Duby = *Lepidopilum* ..... DALTONIACEAE
Acanthocladiella Fleisch. ..... SEMATOPHYLLACEAE
Acanthocladium Mitt., hom. illeg. ≡ *Wijkia* ..... SEMATOPHYLLACEAE
Acanthodium Mitt., hom. illeg. = *Trismegistia* ..... SEMATOPHYLLACEAE
Acantholoma Herz., hom. illeg. ≡ *Bryoacanthaloma* .. RHIZOGONIACEAE
Acanthorrhynchium Fleisch. ..... SEMATOPHYLLACEAE
Acaulon C. Müll. ..... POTTIACEAE
Achrohypnella Herz. = *Sauloma* ..... HOOKERIACEAE
Achrolepis (Lindb.) Card., nom. illeg. ≡ *Myuroclada* . BRACHYTHECIACEAE
Achrophyllum Vitt & Crosby ..... HOOKERIACEAE
Achyrophyllum Shaw ≡ *Ptychomnion* ..... PTYCHOMNIACEAE
Acidodontium Schwaegr., nom. cons. ..... BRYACEAE
Acosta C. Müll., hom. illeg. = *Vesicularia* ..... HYPNACEAE
Acritodon Robins. ..... SEMATOPHYLLACEAE
Acrocladiopsis (Broth.) Card. = *Catagonium* ..... PHYLLOGONIACEAE
Acrocladium Mitt. ..... AMBLYSTEGIACEAE (Lembophyllaceae)
Acrocryphaea B.S.G. ex Broth., nom. illeg. ≡ *Schoenobryum* ..... CRYPHAEACEAE
Acroporium Mitt. = *Macrohymenium* ..... SEMATOPHYLLACEAE
Acroschisma (Hook. f. & Wils.) Lindl. = *Andreaea* ... ANDREAEACEAE
Actinodontium Schwaegr. ..... DALTONIACEAE (Hookeriaceae)
Actinostoma Reim. & Sak. = *Entodon* ..... ENTODONTACEAE
Actinothuidium (Besch.) Broth. ..... THUIDIACEAE
Adelothecium Mitt. ..... HOOKERIACEAE
Aërobryidium Fleisch. in Broth. ..... METEORIACEAE
Aërobryopsis Fleisch. ..... METEORIACEAE
Aërobryum Dozy & Molk. ..... METEORIACEAE
Aligrimmia Williams ..... GRIMMIACEAE
Allioniella Broth. ..... SEMATOPHYLLACEAE
Allorgea Ando ..... HYPNACEAE
Aloïdella Vent., nom. rejic. = *Aloïna* ..... POTTIACEAE
Aloïna Kindb., nom. cons. ..... POTTIACEAE
Aloïnella Card. ..... POTTIACEAE
Alophosia Card. ..... POLYTRICHACEAE
Alsia Sull. ..... CRYPHAEACEAE
Amblyodon B.S.G., nom. cons. ..... MEESIACEAE
Amblyodum P. Beauv., nom. rejic. ≡ *Amblyodon* .... MEESIACEAE
Amblyphyllum Lindb., nom. illeg. ≡ *Splachnobryum* . POTTIACEAE
Amblystegiella Loeske ≡ *Platydictya* ..... AMBLYSTEGIACEAE
Amblystegium B.S.G. ..... AMBLYSTEGIACEAE
Amblytropis (Mitt.) Broth. ..... DALTONIACEAE (Hookeriaceae)
Amphidium Schimp., nom. cons. ..... ORTHOTRICHACEAE (Dicranaceae)
Amphidium Nees in Sturm., nom. rejic. = *Zygodon* .. ORTHOTRICHACEAE
Amphidrium Steud., orthogr. var. Amphidium Nees = *Zygodon* ..... ORTHOTRICHACEAE
Amphoridium Schimp., hom. illeg. ≡ *Amphidium* .... ORTHOTRICHACEAE
Amphoritheca Hampe = *Entosthodon* ..... FUNARIACEAE
Anacalypta Roehl. ex Fürnr. = *Pottia* ..... POTTIACEAE

Anacamptodon Brid. ..... FABRONIACEAE
Anacolia Schimp., nom. cons. ..... BARTRAMIACEAE
Ancistrodes Hampe ..... METEORIACEAE
Andreaea Hedw. ..... ANDREAEACEAE
Andreaeobryum Steere & B. Murr. ..... ANDREAEOBRYACEAE
Angstroemia B.S.G., orthogr. var. *Aongstroemia* ..... DICRANACEAE
Anhymenium Griff. = *Regmatodon* ..... REGMATODONTACEAE
Anictangium Hedw., nom. rejic. = *Anoectangium* .... POTTIACEAE
Anisodon B.S.G. = *Clasmatodon* ..... FABRONIACEAE
Anisostichium Mitt. = *Epipterygium* ..... BRYACEAE
Anisothecium Mitt. ..... DICRANACEAE
Anodon Rabenh., hom. illeg. = *Schistidium* ..... GRIMMIACEAE
Anodontium Brid., nom. rejic. = *Drummondia* ..... ORTHOTRICHACEAE
Anodus B.S.G. = *Seligeria* ..... SELIGERIACEAE
Anoectangium Schwaegr., nom. cons. ..... POTTIACEAE
Anoectangium Lindb., hom. illeg. = *Amphidium* .... ORTHOTRICHACEAE
Anomobryopsis Card. ..... BRYACEAE
Anomobryum Schimp. ..... BRYACEAE
Anomodon Hook. & Tayl. ..... THUIDIACEAE
Antitrichia Brid. ..... LEUCODONTACEAE
Anyctangium Lam. & Cand., orthogr. var.
Anictangium = *Anoectangium* ..... POTTIACEAE
Aongstroemia B.S.G. ..... DICRANACEAE
Aongstroemiopsis Fleisch. ..... DICRANACEAE
Apalodium Mitt. = *Orthodontium* ..... BRYACEAE
Aphanorhegma Sull. in Gray ..... FUNARIACEAE
Apiocarpa Hüb. = *Mielichhoferia* ..... BRYACEAE
Aplodon R. Br. ..... SPLACHNACEAE
Apocarpium Desv. = *Grimmia* ..... GRIMMIACEAE
Apocarpum P. Beauv. = *Grimmia* ..... GRIMMIACEAE
Apodanthus B. Pyl. = *Splachnum* ..... SPLACHNACEAE
Aporella Podp. = *Micromitrium* ..... EPHEMERACEAE
Aptchella Bartr., orthogr. var. *Aptychella* ..... SEMATOPHYLLACEAE
Apterygium Kindb. = *Platydictya* ..... AMBLYSTEGIACEAE
Aptychella (Broth.) Herz. ..... SEMATOPHYLLACEAE
Aptychopsis (Broth.) Fleisch. ..... SEMATOPHYLLACEAE
Aptychus (C. Müll.) C. Müll. = *Sematophyllum* ..... SEMATOPHYLLACEAE
Arbuscula Crum, Steere & Anderson, nom. illeg. ≡ *Thamnobryum* ..... NECKERACEAE
Archboldiella Bartr. = *Distichophyllidium* ..... DALTONIACEAE
Archephemeropsis Renn. = *Ephemeropsis* ..... HOOKERIACEAE
Archidiella Irmsch. = *Archidium* ..... ARCHIDIACEAE
Archidium Brid. ..... ARCHIDIACEAE
Arctoa B.S.G. ..... DICRANACEAE
Argyrobryum (C. Müll.) Kindb. = *Bryum* ..... BRYACEAE
Arrhenopterum Hedw., nom. rejic. = *Aulacomnium* .. AULACOMNIACEAE
Arthrocormus Dozy & Molk. ..... CALYMPERACEAE (Leucobryaceae)
Aschisma Lindb. ..... POTTIACEAE
Aschistodon Mont., nom. rejic. = *Ditrichum* ..... DITRICHACEAE
Asteriscium (C. Müll.) Hilp., hom. illeg. = *Trichostomopsis* ..... POTTIACEAE
Asterodontium Dix. & Gepp, orthogr. var.
Astrodontium Schwaegr. = *Leucodon* ..... LEUCODONTACEAE

Astomiopsis C. Müll. ..... DITRICHACEAE
Astomum Hampe ..... POTTIACEAE
Astrodontium Dozy & Molk., hom. illeg. ≡ *Clastobryum* SEMATOPHYLLACEAE
Astrodontium Schwaegr. = *Leucodon* ..... LEUCODONTACEAE
Astrophyllum Lindb., nom. illeg. ≡ *Mnium* ..... MNIACEAE
Atractylocarpus Mitt., nom. cons. ..... DICRANACEAE
Atrichopsis Card. ..... POLYTRICHACEAE
Atrichum P. Beauv., nom. cons. ..... POLYTRICHACEAE
Aulacomitrium Mitt. = *Glyphomitrium* ..... PTYCHOMITRIACEAE
Aulacomitrium Broth. ex C. Müll., hom.
illeg. = *Glyphomitrium* ..... PTYCHOMITRIACEAE
Aulacomnion Schwaegr. ≡ *Aulacomnium* ..... AULACOMNIACEAE
Aulacomnium Schwaegr., nom. cons. ..... AULACOMNIACEAE
Aulacopilum Wils. ..... ERPODIACEAE
Austinella Williams = *Oncophorus* ..... DICRANACEAE
Austinia C. Müll. ..... FABRONIACEAE

Balwiniella Broth. ex Fleisch. ..... NECKERACEAE
Barbella Fleisch. in Broth. ..... METEORIACEAE
Barbellopsis Broth. ..... METEORIACEAE
Barbiferus Poir., nom. illeg. ≡ *Barbula* ..... POTTIACEAE
Barbula Hedw., nom. cons. ..... POTTIACEAE
Barnesia Card. ..... POTTIACEAE
Barthramia Gaertn., Meyer & Schreb., orthogr.
var. *Bartramia* ..... BARTRAMIACEAE
Bartleya Robins. = *Dicranella* ..... DICRANACEAE
Bartramia Hedw., nom. cons. ..... BARTRAMIACEAE
Bartramidula B.S.G., nom. cons. ..... BARTRAMIACEAE
Bartramiopsis Kindb. ..... POLYTRICHACEAE
Beccaria C. Müll. = *Pottia* ..... POTTIACEAE
Beckettia C. Müll. = *Pottia* ..... POTTIACEAE
Beddomiella Dix. (Pottiaceae) = *Thiemia* ..... DICRANACEAE
Bellia Broth., hom. illeg. ≡ *Crosbya* ..... HOOKERIACEAE
Bellibarbula Chen ..... POTTIACEAE
Bergia Fürnr., hom. illeg. = *Entosthodon* ..... FUNARIACEAE
Bescherellia Duby ..... CYRTOPODACEAE
Bestia Broth. ..... CRYPHAEACEAE
Bissetia Broth. in Fleisch. ..... NECKERACEAE
Bizotia Pierr. = *Campylopus* ..... DICRANACEAE
Blindia B.S.G. ..... SELIGERIACEAE
Blindiopsis Bartr. & Dix. = *Blindia* ..... SELIGERIACEAE
Boulaya Card. ..... THUIDIACEAE
Brachelyma Schimp. ex Card. ..... FONTINALACEAE
Brachydontium Fürnr. ..... SELIGERIACEAE
Brachyelyma Hag., orthogr. var. *Brachelyma* ..... FONTINALACEAE
Brachymeniopsis Broth. ..... FUNARIACEAE
Brachymenium Schwaegr. ..... BRYACEAE
Brachymitrion Tayl. ..... SPLACHNACEAE
Brachyodon Fürnr., orthogr. var. Brachyodus =
Brachydontium ..... SELIGERIACEAE
Brachyodontium Broth., orthogr. var.
Brachydontium ..... SELIGERIACEAE

Brachyodus Fürnr. ex Nees & Hornsch., nom. illeg. = *Brachydontium* ..... SELIGERIACEAE
Brachypodium Brid., hom. illeg. = *Ptychomitrium* ... PTYCHOMITRIACEAE
Brachysteleum Reichenb., nom. rejic,. = *Ptychomitrium* ..... PTYCHOMITRIACEAE
Brachythecium B.S.G. ..... BRACHYTHECIACEAE
Brachytrichum Röhl. = *Orthotrichum* ..... ORTHOTRICHACEAE
Braithwaitea Lindb. ..... HYPNODENDRACEAE
Braunfelsia Par. ..... DICRANACEAE
Braunia B.S.G. ..... HEDWIGIACEAE
Braunia Hampe, hom. illeg. ≡ *Dendrocryphaea* ..... CRYPHAEACEAE
Breidleria Loeske = *Hypnum* ..... HYPNACEAE
Breutelia (B.S.G.) Schimp. ..... BARTRAMIACEAE
Brium Brid., orthogr. var. *Bryum* ..... BRYACEAE
Brothera C. Müll. ..... DICRANACEAE
Brotherella Loeske ex Fleisch. ..... SEMATOPHYLLACEAE
Brotherobryum Fleisch. ..... DICRANACEAE
Bruchia Schwaegr. ..... DICRANACEAE
Bruchia Hornsch., hom. illeg.
Bryella Berk. = *Pottia* ..... POTTIACEAE
Bryhnia Kaur. ..... BRACHYTHECIACEAE
Bryoacantholoma Schultze-Mot. ..... RHIZOGONIACEAE
Bryoandersonia Robins. ..... BRACHYTHECIACEAE
Bryobartramia Sainsb. ..... BRYOBARTRAMIACEAE
Bryobrittonia Williams ..... ENCALYPTACEAE (Pottiaceae)
Bryobrothera Thér. ..... RHIZOGONIACEAE
Bryoceuthospora Crum & Anderson ..... POTTIACEAE
Bryodixonia Sainsb. ..... ORTHOTRICHACEAE
Bryodusenia Robins. = *Ancistrodes* ..... METEORIACEAE
Bryoerythrophyllum Chen ..... POTTIACEAE
Bryohumbertia P. de la Varde & Thér. ..... DICRANACEAE
Bryomanginia Thér. ..... DITRICHACEAE
Bryomnium Card. in Broth. (Mniaceae) = *Tayloria* ... SPLACHNACEAE
Bryomyces Miq. = *Orthotrichum* ..... ORTHOTRICHACEAE
Bryonoguchia Iwats. & H. Inoue ..... THUIDIACEAE
Bryoporteria Thér. = *Camptodontium* ..... DICRANACEAE
Bryosedgwickia Card. & Dix. ..... HYPNACEAE
Bryotestua Thér. & P. de la Varde ..... DICRANACEAE
Bryowijkia Nog. ..... HEDWIGIACEAE
Bryoxiphium Mitt., nom. cons. ..... BRYOXIPHIACEAE
Bryoziphium Mitt., orthogr. var. *Bryoxiphium* ..... BRYOXIPHIACEAE
Bryum Hedw. ..... BRYACEAE
Bucklandia Roiv., hom. illeg. = *Racomitrium* ..... GRIMMIACEAE
Bucklandiella Roiv. = *Racomitrium* ..... GRIMMIACEAE
Burnettia Grout, hom. illeg. ≡ *Homalotheciella* ..... BRACHYTHECIACEAE
Buxbaumia Hedw. ..... BUXBAUMIACEAE

Callibryon Zenk. & Dietr., nom. illeg. ≡ *Atrichum* ... POLYTRICHACEAE
Callicladium Crum ..... HYPNACEAE
Callicosta C. Müll. ..... DALTONIACEAE
Callicostella (C. Müll.) Mitt. = *Schizomitrium* ..... HOOKERIACEAE

Callicostellopsis Broth. (Hookeriaceae) =
Helicoblepharum ..... DALTONIACEAE
Calliergidium Grout ..... AMBLYSTEGIACEAE
Calliergon (Sull.) Kindb. ..... AMBLYSTEGIACEAE
Calliergonella Loeske ..... AMBLYSTEGIACEAE
Calliergonella (Card.) Card. & Broth., hom.
illeg. = *Catagonium* ..... PHYLLOGONIACEAE
Calohypnum Sak. = p.p. *Brotherella* (Sematophyllaceae)
& p.p. *Hypnum* (Hypnaceae)
Calomnion Hook. f. & Wils. ..... CALOMNIACEAE
Calomnium Broth., orthogr. var. *Calomnion* ..... CALOMNIACEAE
Calymperes Sw. in Web. ..... CALYMPERACEAE
Calymperidium Dozy & Molk. = *Syrrhopodon* ..... CALYMPERACEAE
Calymperiopsis R. S. Chopra, orthogr. var.
Calymperopsis ..... CALYMPERACEAE
Calymperopsis (C. Müll.) Fleisch. ..... CALYMPERACEAE
Calyptopogon (Mitt.) Broth. ..... POTTIACEAE
Calyptothecium Mitt. ..... PTEROBRYACEAE
(Neckeraceae)
Calyptrochaeta Desv. ..... HOOKERIACEAE
Calyptrochaete Wijk, Marg. & Florsch.,
orthogr. var. *Calyptrochaeta* ..... HOOKERIACEAE
Campilopus Henr., orthogr. var. *Campylopus* ..... DICRANACEAE
Camplothecium Schur, orthogr. var.
Camptothecium ≡ *Homalothecium* ..... BRACHYTHECIACEAE
Campothecium Kindb., orthogr. var. Camptothecium ≡
Homalothecium ..... BRACHYTHECIACEAE
Camptochaete Reichardt ..... LEMBOPHYLLACEAE
Camptodontium Dus. ..... DICRANACEAE
Camptothecium B.S.G. ≡ *Homalothecium* ..... BRACHYTHECIACEAE
Campyliadelphus (Kindb.) R. S. Chopra ..... AMBLYSTEGIACEAE
Campylium (Sull.) Mitt. ..... AMBLYSTEGIACEAE
Campylocarpus Grout, orthogr. var. *Campylopus* ..... DICRANACEAE
Campylochaetium Besch. = *Dicranella* ..... DICRANACEAE
Campylodontium Schwaegr. = *Anacamptodon* ..... FABRONIACEAE
Campylodontium Dozy & Molk., hom. illeg. =
Mesonodon ..... ENTODONTACEAE
Campylophyllum (Schimp.) Fleisch. ..... AMBLYSTEGIACEAE
Campylopodiella Card. = *Brothera* ..... DICRANACEAE
Campylopodium (C. Müll.) Besch. ..... DICRANACEAE
Campylopus Brid. ..... DICRANACEAE
Campylopus Wahlenb., hom. illeg. = *Grimmia* ..... GRIMMIACEAE
Campylostegium Hampe, orthogr. var. *Campylostelium* PTYCHOMITRIACEAE
Campylosteleum Solms, orthogr. var. *Campylostelium* . PTYCHOMITRIACEAE
Campylostelium B.S.G. ..... PTYCHOMITRIACEAE
Campylostylium Mont., orthogr. var. *Campylostelium* . PTYCHOMITRIACEAE
Campylotrichum Sikora ..... ?HOOKERIACEAE
Cardotia Besch. in Card. (Leucobryaceae) =
Leucobryum ..... DICRANACEAE
Carinafolium Williams (Leucobryaceae) ..... CALYMPERACEAE
Carovaglia Endl., orthogr. var. *Garovaglia* ..... PTEROBRYACEAE
Carpoecia Vent. = *Campylopus* ..... DICRANACEAE
Catagoniopsis Broth. ..... BRACHYTHECIACEAE

Catagonium C. Müll. ex Broth. ..... PHYLLOGONIACEAE
Catagonium Broth., hom. illeg. (Plagiotheciaceae) = *Catagonium* ..... PHYLLOGONIACEAE
Catascopium Endl., orthogr. var. *Catoscopium* ..... CATOSCOPIACEAE
Catharinea Web. & Mohr, nom. rejic. ≡ *Atrichum* ... POLYTRICHACEAE
Catharinella (C. Müll.) Kindb. = *Pogonatum* ..... POLYTRICHACEAE
Catharomnion Hook. f. & Wils. ..... DALTONIACEAE (Hypopterygiaceae)
Catharomnium Broth., orthogr. var. *Catharomnion* ... DALTONIACEAE
Catogoniopsis Broth., orthogr. var. *Catagoniopsis* .... BRACHYTHECIACEAE
Catoptridium Brid. = *Schistostega* ..... SCHISTOSTEGACEAE
Catoscopium Brid. ..... CATOSCOPIACEAE
Cavanillea Borkh., hom. illeg. = *Weissia* ..... POTTIACEAE
Cecalyphum P. Beauv., nom. illeg. ≡ *Dicranum* ..... DICRANACEAE
Cephalocladium Laz. ..... SEMATOPHYLLACEAE
Cephalotrichum B.S.G., nom. illeg. = *Pogonatum* .... POLYTRICHACEAE
Cephaloxis P. Beauv. ≡ *Bartramia* ..... BARTRAMIACEAE
Ceratodon Brid. ..... DITRICHACEAE
Ceuthospora Crum & Anderson, hom. illeg. ≡ *Bryoceuthospora* ..... POTTIACEAE
Chaetephora Brid., hom. illeg. ≡ *Calyptrochaeta* ..... HOOKERIACEAE
Chaetomitrella Hampe = *Chaetomitrium* ..... HOOKERIACEAE
Chaetomitriopsis Fleisch. ..... HOOKERIACEAE
Chaetomitrium Dozy & Molk. ..... HOOKERIACEAE
Chaetophora Brid., hom. illeg. ≡ *Calyptrochaeta* ..... HOOKERIACEAE
Chamaebryum Thér. & Dix. ..... GIGASPERMACEAE
Chamberlainia Grout ..... BRACHYTHECIACEAE
Cheilothela Lindb. ..... DITRICHACEAE
Chilothela Hag., orthogr. var. *Cheilothela* ..... DITRICHACEAE
Chionobryum Glow. = *Brachythecium* ..... BRACHYTHECIACEAE
Chionoloma Dix. ..... POTTIACEAE
Chinostomum C. Müll. ..... SEMATOPHYLLACEAE
Chloronotus Vent., nom. rejic. = *Crossidium* ..... POTTIACEAE
Chorisodontium (Mitt.) Broth. ..... DICRANACEAE
Chrystoblastella Williams (Pottiaceae) = *Cheilothela* .. DITRICHACEAE
Chrysocladium Fleisch. ..... METEORIACEAE
Chryso-hypnum Hampe = *Mittenothamnium* ..... HYPNACEAE
Chrysohypnum G. Roth, hom. illeg. = *Campylium* ... AMBLYSTEGIACEAE
Chrysypnum Hag., orthogr. var. Chryso-hypnum Hampe = *Mittenothamnium* ..... HYPNACEAE
Cicclidotus P. Beauv., orthogr. var. *Cinclidotus* ..... POTTIACEAE
Cicelidotus Clairv., orthogr. var. *Cinclidotus* ..... POTTIACEAE
Cinclidium Sw. in Schrad. ..... MNIACEAE
Cinclidotus P. Beauv. ..... POTTIACEAE
Cirriphyllum Grout ..... BRACHYTHECIACEAE
Cladastomum C. Müll. ..... DITRICHACEAE
Cladodium Brid. = *Bryum* ..... BRYACEAE
Cladomnion Hook. f. & Wils. ..... PTYCHOMNIACEAE
Cladomniopsis Fleisch. ..... PTYCHOMNIACEAE
Cladomnium Hook. f. & Wils., orthogr. var. *Cladomnion* ..... PTYCHOMNIACEAE
Cladophascum Dix. in Sim ..... POTTIACEAE (Dicranaceae)

Cladopodanthus Dozy & Molk. ..... DICRANACEAE (Leucobryaceae)
Cladostomum C. Müll., orthogr. var. *Cladastomum* ... DITRICHACEAE
Claopodium (Lesq. & James) Ren. & Card. ..... THUIDIACEAE
Clasmatodon Hook. & Wils. ..... FABRONIACEAE
Clastobryella Fleisch. ..... SEMATOPHYLLACEAE
Clastobryophilum Fleisch. ..... SEMATOPHYLLACEAE
Clastobryopsis Fleisch. = *Aptychella* ..... SEMATOPHYLLACEAE
Clastobryum Dozy & Molk. ..... SEMATOPHYLLACEAE
Cleistostoma Brid., nom. illeg. ≡ *Syrrhopodon* ..... CALYMPERACEAE
Cleistostoma sensu Broth. ≡ *Bryowijkia* ..... HEDWIGIACEAE
Climacium Web. & Mohr ..... CLIMACIACEAE
Climatium Gümb., orthogr. var. *Climacium* ..... CLIMACIACEAE
Clistostoma Hag., orthogr. var. Cleistostoma ≡ *Syrrhopodon* ..... CALYMPERACEAE
Cnestrum I. Hag. ..... DICRANACEAE
Codonoblepharon Schwaegr. = *Zygodon* ..... ORTHOTRICHACEAE
Codonoblepharum Brid., orthogr. var. Codonoblepharon = *Zygodon* ..... ORTHOTRICHACEAE
Codonoblepharum Dozy & Molk., hom. illeg. = *Mitthyridium* ..... CALYMPERACEAE
Codonophorus Desv. = *Racomitrium* ..... GRIMMIACEAE
Codriophorus P. Beauv. = *Racomitrium* ..... GRIMMIACEAE
Coelidium (Hook. f. & Wils.) Reichardt, hom. illeg. ≡ *Weymouthia* ..... METEORIACEAE
Coleochaetium (Besch.) Ren. & Card., nom. illeg. = *Leiomitrium* ..... ORTHOTRICHACEAE
Collania Sak., orthogr. var. *Gollania* ..... RHYTIDIACEAE
Colobodontium Herz. ..... SEMATOPHYLLACEAE
Complanato-hypnum Hampe = *Stereophyllum* ..... PLAGIOTHECIACEAE
Conardia Robins. ..... AMBLYSTEGIACEAE
Conomitrium Mont., nom. illeg. = *Fissidens* ..... FISSIDENTACEAE
Conostomum Sw. in Web. & Mohr ..... BARTRAMIACEAE
Coscinodon Spreng. ..... GRIMMIACEAE
Coscinodontella Williams ..... GRIMMIACEAE
Costesia Thér. ..... FUNARIACEAE
Craspedophyllum (Card.) Grout, hom. illeg. ≡ *Groutiella* ..... ORTHOTRICHACEAE
Crastobryella Horik. & Ando, orthogr. var. *Clastobryella* ..... SEMATOPHYLLACEAE
Cratoneurella Robins. ..... BRACHYTHECIACEAE
Cratoneuron (Sull.) Spruce ..... AMBLYSTEGIACEAE
Cratoneuropsis (Broth.) Fleisch. ..... AMBLYSTEGIACEAE
Cratoneurum Hag., orthogr. var. *Cratoneuron* ..... AMBLYSTEGIACEAE
Crepidophyllum Herz. ..... HYPNACEAE
Cribrodontium Herz. ..... ENTODONTACEAE
Crosbya Vitt ..... HOOKERIACEAE
Crossidium Jur., nom. cons. ..... POTTIACEAE
Crossomitrium C. Müll. ..... DALTONIACEAE (Hookeriaceae)
Crumia Schof. ..... POTTIACEAE
Cryphaea Mohr in Web. ..... CRYPHAEACEAE
Cryphaeadelphus (C. Müll.) Card., nom. illeg. = *Brachelyma* ..... FONTINALACEAE

Cryphaeophilum Fleisch. ..... METEORIACEAE
Cryphidium (Mitt.) Jaeg. (Neckeraceae) = *Cryphaea* .. CRYPHAEACEAE
Cryptangium C. Müll., hom. illeg. ≡
Hydropogonella ..... HYDROPOGONACEAE
Cryptocarpella Trev., nom. illeg. ≡ *Desmotheca* ..... ORTHOTRICHACEAE
Cryptocarpon Dozy & Molk., orthogr. var.
Cryptocarpus ≡ *Desmotheca* ..... ORTHOTRICHACEAE
Cryptocarpus Dozy & Molk., hom. illeg. ≡ *Desmotheca* ORTHOTRICHACEAE
Cryptodicranum Bartr. ..... DICRANACEAE
Cryptogonium (C. Müll.) C. Müll. in F. Müll. ≡
Phyllogonium ..... PHYLLOGONIACEAE
Cryptoleptodon Ren. & Card. ..... NECKERACEAE
Cryptoneurum Thér. & P. de la Varde ..... RHYTIDIACEAE
Cryptopodia Röhl. = *Neckera* ..... NECKERACEAE
Cryptopodium Brid. ..... RHIZOGONIACEAE
Cryptopodium (Röhl.) Fürnr., hom. illeg. = *Neckera* .. NECKERACEAE
Cryptoseta (Arnott) Hook. ex Kitt. ≡ *Cryptopodium* .. RHIZOGONIACEAE
Cryptotheca Hornsch. in Mitt., hom. illeg. =
Symphysodon ..... PTEROBRYACEAE
Ctenidiadelphus Fleisch. ..... HYPNACEAE
Ctenidium (Schimp.) Mitt. ..... HYPNACEAE
Ctenium C. Jens., nom. illeg. ≡ *Ptilium* ..... HYPNACEAE
Cupressina C. Müll., nom. illeg. ≡ *Hypnum* ..... HYPNACEAE
Cuspidaria C. Müll., hom. illeg. = *Entodon* ..... ENTODONTACEAE
Cyathophorella (Broth.) Fleisch. ..... DALTONIACEAE
(Hypopterygiaceae)
Cyathophorum P. Beauv. ..... HOOKERIACEAE
(Hypopterygiaceae)
Cyathothecium Dix. ..... HYLOCOMIACEAE
Cyclodictyon Mitt. ..... HOOKERIACEAE
Cycnea Berk., hom. illeg. = *Phascum* ..... POTTIACEAE
Cylicocarpus Lindb. = *Amphidium* ..... ORTHOTRICHACEAE
Cylindrothecium B.S.G., nom. illeg. = *Entodon* ..... ENTODONTACEAE
Cymbaria Tayl., hom. illeg. = *Eustichia* ..... EUSTICHIACEAE
Cymbifoliella Dix. = *Entodon* ..... ENTODONTACEAE
Cynodon Brid., hom. illeg. = *Distichium* ..... DITRICHACEAE
Cynodontiella (Limpr.) Bryhn = *Cynodontium* ..... DICRANACEAE
Cynodontium Schimp., nom. cons. ..... DICRANACEAE
Cynodontium Brid., nom. rejic. = *Distichium* ..... DITRICHACEAE
Cynodontium B.S.G., nom. rejic. = *Oreoweisia* ..... DICRANACEAE
Cynontodium Hedw., nom. rejic. = *Distichium* ..... DITRICHACEAE
Cyptodon (Broth.) Par. & Schimp. ex Fleisch. ..... CRYPHAEACEAE
Cyptodontopsis Dix. ..... CRYPHAEACEAE
Cyrtodon (R. Br.) Hook. = *Tayloria* ..... SPLACHNACEAE
Cyrto-hypnum Hampe = *Thuidium* ..... THUIDIACEAE
Cyrtomnium Holmen ..... MNIACEAE
Cyrtopodendron Fleisch. ..... CYRTOPODACEAE
Cyrtopus (Brid.) Hook. f. ..... CYRTOPODACEAE

Dactylhymenium Card. = *Didymodon* ..... POTTIACEAE
Dactylmenium Hag., orthogr. var. Dactyl-
hymenium = *Didymodon* ..... POTTIACEAE

Daltonia Hook. & Tayl., nom. cons. prop. ..... DALTONIACEAE (Hookeriaceae)
Dasymitrium Lindb. = *Macromitrium* ..... ORTHOTRICHACEAE
Dawsonia R. Br. ..... POLYTRICHACEAE (Dawsoniaceae)
Decodon C. Müll. ex Broth., nom. illeg. = *Rhachithecium* ..... RHACHITHECIACEAE
Dendia R. Br. ter. = *Pottia* ..... POTTIACEAE
Dendralsia Hag., orthogr. var. *Dendroalsia* ..... CRYPHAEACEAE
Dendroalsia Britt. ..... CRYPHAEACEAE
Dendrocryphaea Par. & Schimp. ex Broth. ..... CRYPHAEACEAE
Dendrocyathophorum Dix. ..... HOOKERIACEAE
Dendro-Leskea Hampe = *Porotrichum* ..... NECKERACEAE
Dendroligotrichum (C. Müll.) Broth. ..... POLYTRICHACEAE
Dendropogon Schimp., hom. illeg. ≡ *Dendropogonella* ..... CRYPHAEACEAE
Dendropogonella Britt. ..... CRYPHAEACEAE
Dermatodon Hüb. = p.p. *Pottia* ..... POTTIACEAE
Desmatodon Brid. ..... POTTIACEAE
Desmotheca Lindb. ..... ORTHOTRICHACEAE
Diachelyma Payer, orthogr. var. *Dichelyma* ..... FONTINALACEAE
Dialytrichia (Schimp.) Limpr. ..... POTTIACEAE
Diaphanodon Ren. & Card. ..... TRACHYPODACEAE
Diaphanophyllum Lindb., nom. rejic. ≡ *Ditrichum* ..... DITRICHACEAE
Dichelodontium Hook. f. & Wils. ex Broth. ..... PTYCHOMNIACEAE
Dichelyma Myr. ..... FONTINALACEAE
Dichodontium Schimp. ..... DICRANACEAE
Dicnemoloma (Ren.) Ren. = *Sclerodontium* ..... DICRANACEAE
Dicnemon Schwaegr. ..... DICNEMONACEAE
Dicnemos Lindb., orthogr. var. *Dicnemon* ..... DICNEMONACEAE
Dicnemum Arnott, orthogr. var. *Dicnemon* ..... DICNEMONACEAE
Dicranella (C. Müll.) Schimp. ..... DICRANACEAE
Dicranodon Béheré, nom. illeg. = p.p. *Dicranum* (Dicranaceae) & p.p. *Fissidens* (Fissidentaceae) ..... DICRANACEAE
Dicranodontium B.S.G. ..... DICRANACEAE
Dicranoloma (Ren.) Ren. ..... DICRANACEAE
Dicranoolontium Bruehl, orthogr. var. *Dicranodontium* ..... DICRANACEAE
Dicranoweisia Lindb. ex Milde ..... DICRANACEAE
Dicranum Hedw. ..... DICRANACEAE
Didimodon P. Beauv., orthogr. var. *Didymodon* ..... POTTIACEAE
Didymodon Hedw. ..... POTTIACEAE
Didymodon Web. & Mohr ex Braithw., hom. illeg. = *Dicranodontium* ..... DICRANACEAE
Didymodum P. Beauv., nom. illeg. ≡ *Didymodon* ..... POTTIACEAE
Dimerodontium Mitt. ..... FABRONIACEAE
Dimorphella (C. Müll.) Ren. & Card., nom. illeg. ≡ *Rhacopilopsis* ..... HYPNACEAE
Dimorphocladon Dix. ..... HOOKERIACEAE
Diobelon Hampe, nom. illeg. = p.p. *Cynodontium* & p.p. *Dichodontium* ..... DICRANACEAE
Dioranum Hampe, orthogr. var. *Dicranum* ..... DICRANACEAE
Diphas Raf., orthogr. var. Diphascum ≡ *Diphyscium* ..... BUXBAUMIACEAE

Diphascum A. Eat., nom. illeg. ≡ *Diphyscium* ..... BUXBAUMIACEAE
Diphisciam P. Beauv., orthogr. var. *Diphyscium* ..... BUXBAUMIACEAE
Diphyscium Mohr ..... BUXBAUMIACEAE (Diphysciaceae)
Diplocomium Web. & Mohr = *Meesia* ..... MEESIACEAE
Diploneuron Bartr. ..... HOOKERIACEAE
Diplostichum Mont., nom. illeg. ≡ *Eustichia* ..... EUSTICHIACEAE
Discelium Brid. ..... DISCELIACEAE
Discodon Hampe, orthogr. var. Dissodon = *Tayloria* ..... SPLACHNACEAE
Discophyllum Mitt. = *Distichophyllum* ..... HOOKERIACEAE
Dissodon Grev. & Arnott = *Tayloria* ..... SPLACHNACEAE
Distichia Brid., nom. illeg. ≡ *Neckera* ..... NECKERACEAE
Distichium B.S.G., nom. cons. ..... DITRICHACEAE
Distichophyllidium Fleisch. ..... DALTONIACEAE (Hookeriaceae)
Distichophyllum Dozy & Molk. ..... HOOKERIACEAE
Distichum Bayrh., orthogr. var. *Distichium* ..... DITRICHACEAE
Ditrichium F. Müll., orthogr. var. *Ditrichum* ..... DITRICHACEAE
Ditrichopsis Broth. ..... DITRICHACEAE
Ditrichum Hampe, nom. cons. ..... DITRICHACEAE
Dixonia Horik. & Ando ..... LEMBOPHYLLACEAE
Dolichomitra Broth. ..... LEMBOPHYLLACEAE
Dolichomitriopsis Okam. ..... LEMBOPHYLLACEAE
Dolichotheca Lindb., hom. illeg. = *Herzogiella* ..... HYPNACEAE
Donnellia Aust. = *Sematophyllum* ..... SEMATOPHYLLACEAE
Dorcadion (Reichenb.) Lindb., nom. illeg. ≡ *Orthotrichum* ..... ORTHOTRICHACEAE
Dozya Sande Lac. in Miq. ..... LEUCODONTACEAE
Drepanium C. Jens. = *Hypnum* ..... HYPNACEAE
Drepanocladus (C. Müll.) G. Roth ..... AMBLYSTEGIACEAE
Drepanohypnum Hampe = *Drepanocladus* ..... AMBLYSTEGIACEAE
Drepanophyllaria C. Müll., nom. illeg. ≡ *Cratoneuron* ..... AMBLYSTEGIACEAE
Drepanophyllum Schwaegr., hom. illeg. ≡ *Phyllodrepanium* ..... PHYLLODREPANIACEAE
Drepanopsis Loeske, nom. illeg. = *Drepanocladus* ..... AMBLYSTEGIACEAE
Drummondia Hook. in Drumm., nom. cons. ..... ORTHOTRICHACEAE
Dryptodon Brid. = *Grimmia* ..... GRIMMIACEAE
Dubyella Schimp. = *Helicodontium* ..... FABRONIACEAE
Dusenia Broth., hom. illeg. ≡ *Forsstroemia* ..... CRYPHAEACEAE
Duseniella Broth., hom. illeg. = *Ancistrodes* ..... METEORIACEAE
Duthiella C. Müll. in Broth. ..... LESKEACEAE (Trachypodaceae)
Dychelyma Croz., orthogr. var. *Dichelyma* ..... FONTINALACEAE
Dydimodon Arnott, orthogr. var. *Didymodon* ..... POTTIACEAE

Eccremidium Wils. ..... DITRICHACEAE
Echinodium Jur. ..... ECHINODIACEAE
Ectropodon Dix. = *Anacamptodon* ..... FABRONIACEAE
Ectropotheciella Fleisch. ..... HYPNACEAE
Ectropotheciopsis (Broth.) Fleisch. ..... HYPNACEAE
Ectropothecium Mitt. ..... HYPNACEAE

Edentella C. Müll. = *Barbula* ..... POTTIACEAE
Eleutera Stuntz, nom. illeg. ≡ *Neckera* ..... NECKERACEAE
Elmeriobryum Broth. (Lembophyllaceae) = *Gollania* .. RHYTIDIACEAE
Elodium (Sull.) Aust. ≡ *Helodium* ..... THUIDIACEAE
Encalypta Hedw. ..... ENCALYPTACEAE
Encalyptra Payer, orthogr. var. *Encalypta* ..... ENCALYPTACEAE
Endotrichella C. Müll. = *Garovaglia* ..... PTEROBRYACEAE
Endotrichellopsis Dur. ..... PTEROBRYACEAE
Endotrichum Dozy & Molk., hom. illeg. =
Garovaglia ..... PTEROBRYACEAE
Enthostodon auct. orthogr. var. *Entosthodon* ..... FUNARIACEAE
Entodon C. Müll. ..... ENTODONTACEAE
Entodontella Broth. in Fleisch. ..... ENTODONTACEAE
Entodontopsis Broth. = *Stereophyllum* ..... PLAGIOTHECIACEAE
Entosthodon Schwaegr. ..... FUNARIACEAE
Entosthymenium Brid. ..... POTTIACEAE
Entostodon Hornsch., orthogr. var. *Entosthodon* ..... FUNARIACEAE
Entothodon Brid., orthogr. var. *Entosthodon* ..... FUNARIACEAE
Ephemerella C. Müll., nom. cons. = *Ephemerum* ..... EPHEMERACEAE
Ephemeridium Kindb. = *Ephemerum* ..... EPHEMERACEAE
Ephemeropsis Goeb. ..... HOOKERIACEAE (Ephemeropsaceae)
Ephemerum Hampe, nom. cons. ..... EPHEMERACEAE
Epipterygium Lindb. ..... BRYACEAE
Eremodon Brid., nom. illeg. = *Tayloria* ..... SPLACHNACEAE
Eriocladium (C. Müll.) Dus., nom. illeg. ≡
Aerobryopsis ..... METEORIACEAE
Eriodon Mont. ..... BRACHYTHECIACEAE
Eriopus Brid., nom. illeg. ≡ *Calyptrochaeta* ..... HOOKERIACEAE
Erpodiopsis C. Müll. = *Phascum* ..... POTTIACEAE
Erpodium (Brid.) Brid. ..... ERPODIACEAE
Erythrobarbula Steere, nom. illeg. ≡
Bryoerythrophyllum ..... POTTIACEAE
Erythrodontium Hampe ..... ENTODONTACEAE
Erythrophyllopsis Broth. in Herz. ..... POTTIACEAE
Erythrophyllum (Lindb.) Loeske, hom. illeg. ≡
Bryoerythrophyllum ..... POTTIACEAE
Esenbeckia Brid., hom. illeg. ≡ *Garovaglia* ..... PTEROBRYACEAE
Eucalypta Hüb., orthogr. var. *Encalypta* ..... ENCALYPTACEAE
Eucamptodon (Mont.) Mont. ..... DICNEMONACEAE
Eucamptodontopsis Broth. ..... DICRANACEAE
Eucatagonium Broth., nom. illeg. ≡ *Catagonium* ..... PHYLLOGONIACEAE
Eucladium B.S.G. ..... POTTIACEAE
Euephemerum Hill., nom. illeg. ≡ *Ephemerum* ..... EPHEMERACEAE
Eumyurium Nog. ..... MYURIACEAE
Euptichium Hampe, orthogr. var. *Euptychium* ..... PTEROBRYACEAE
Euptychium Schimp. ..... PTEROBRYACEAE
Eurhynchiella Fleisch. ..... BRACHYTHECIACEAE
Eurhynchium B.S.G. ..... BRACHYTHECIACEAE
Eurohypnum Ando ..... HYPNACEAE
Eurrhynchium B.S.G., orthogr. var. *Eurhynchium* ... BRACHYTHECIACEAE
Eurydictyon (Card.) Hor. & Nog. =
Dendrocyathophorum ..... HOOKERIACEAE
Eustichia (Brid.) Brid. ..... EUSTICHIACEAE

Eustichium B.S.G., nom. rejic. = *Bryoxiphium* ..... BRYOXIPHIACEAE
Eutodon Reim., orthogr. var. *Entodon* ..... ENTODONTACEAE
Euzygodon Jur., nom. illeg. ≡ *Zygodon* ..... ORTHOTRICHACEAE
Exodictyon Card. ..... CALYMPERACEAE (Leucobryaceae)
Exodokidium Card. = *Bartramia* ..... BARTRAMIACEAE

Fabbronia Lindb., orthogr. var. *Fabronia* ..... FABRONIACEAE
Fabroleskea Best = *Lindbergia* ..... LESKEACEAE
Fabronia Raddi ..... FABRONIACEAE
Fabronidium C. Müll. ..... FABRONIACEAE
Fabroniella Lor. in C. Müll. = *Juratzkaea* ..... FABRONIACEAE
Farsstroemia Okam., orthogr. var. *Forsstroemia* ..... CRYPHAEACEAE
Fauriella Besch. ..... THELIACEAE
Felipponea Broth. in Felipp. ..... LEUCODONTACEAE
Fiedlera I. Hag., orthogr. var. Fiedleria = *Pterygoneurum* ..... POTTIACEAE
Fiedleria Rabenh., hom. illeg. = *Pterygoneurum* ..... POTTIACEAE
Fiorinia Schimp. in Lor., hom. illeg. = *Helicodontium* ..... FABRONIACEAE
Fissidens Hedw. ..... FISSIDENTACEAE
Fissidens Lindb., hom. illeg. ≡ *Leucodon* ..... LEUCODONTACEAE
Fissidentella Card. = *Fissidens* ..... FISSIDENTACEAE
Flabellidium Herz. ..... BRACHYTHECIACEAE
Flagellomnium Laz. = *Trachycystis* ..... MNIACEAE
Fleischerobryum Loeske ..... BARTRAMIACEAE
Floribundaria Fleisch. ..... METEORIACEAE
Florschuetzia Crosby, nom. illeg. ≡ *Muscoflorschuetzia* ..... BUXBAUMIACEAE
Fontinalis Hedw. ..... FONTINALACEAE
Foreauella Dix. & P. de la Varde ..... SEMATOPHYLLACEAE
Forsstroemia Lindb. ..... CRYPHAEACEAE
Forstroemia Par., orthogr. var. *Forsstroemia* ..... CRYPHAEACEAE
Fortula De Not., orthogr. var. *Tortula* ..... POTTIACEAE
Franciella Thér. ..... SPIRIDENTACEAE
Fumaria Luehn., orthogr. var. *Funaria* ..... FUNARIACEAE
Funaria Hedw. ..... FUNARIACEAE
× *Funariophyscomitrella* Wettst. ..... FUNARIACEAE
Fusiconia P. Beauv., nom. rejic. = *Aulacomnium* ..... AULACOMNIACEAE

Gagea Raddi, hom. illeg. = *Zygodon* ..... ORTHOTRICHACEAE
Gamiella Fleisch., orthogr. var. *Gammiella* ..... SEMATOPHYLLACEAE
Gammiella Broth. ..... SEMATOPHYLLACEAE
Garckea C. Müll. ..... DITRICHACEAE
Garovaglia Endl. ..... PTEROBRYACEAE
Garysmithia Steere ..... LESKEACEAE
Gasterogrimmia (Schimp.) Buyss. = *Grimmia* ..... GRIMMIACEAE
Geheebia Schimp. ..... POTTIACEAE
Genthia Bayrh. ≡ *Physcomitrella* ..... FUNARIACEAE
Georgia C. Müll., nom. illeg. ≡ *Tetraphis* ..... TETRAPHIDACEAE
Gertrudia Herz., hom. illeg. ≡ *Gertrudiella* ..... POTTIACEAE
Gertrudiella Broth. ..... POTTIACEAE
Gigaspermum Lindb. ..... GIGASPERMACEAE
Giraldiella C. Müll. ..... HYPNACEAE

Girgensohnia (Lindb.) Kindb., hom. illeg. ≡ *Pleuroziopsis* ..... PLEUROZIOPSACEAE
Glaucodipsis C. Schimp. = *Leucobryum* ..... DICRANACEAE
Globulina C. Müll., hom. illeg. ≡ *Globulinella* ..... POTTIACEAE
Globulinella Steere ..... POTTIACEAE
Glossadelphus Fleisch. ..... SEMATOPHYLLACEAE
Glossophyllum (C. Müll.) Hampe, nom. illeg. = *Stereophyllum* ..... PLAGIOTHECIACEAE
Glyphocarpa R. Br. = *Bartramia* ..... BARTRAMIACEAE
Glyphocarpus Brid., nom. illeg. = *Bartramia* ..... BARTRAMIACEAE
Glyphomitrium Brid. ..... PTYCHOMITRIACEAE
Glyphothecium Hampe ..... PTYCHOMNIACEAE
Glyptothecium Broth., nom. illeg. = *Glyphothecium* ..... PTYCHOMNIACEAE
Gollania Broth. ..... RHYTIDIACEAE
Gongronia Hag. = *Cynodontium* ..... DICRANACEAE
Goniobryum Lindb. ..... RHIZOGONIACEAE
Goniomitrium Hook. & Wils. ..... FUNARIACEAE
Grevillea Beck & Emmons, orthogr. var. *Grevilleanum* INSERTAE SEDIS
Grevilleanum Beck & Emmons ..... INSERTAE SEDIS
Grimmia Hedw. ..... GRIMMIACEAE
Groutia Broth., hom. illeg. ≡ *Dendroalsia* ..... CRYPHAEACEAE
Groutiella Steere ..... ORTHOTRICHACEAE
Guembelia Hampe in C. Müll. = *Grimmia* ..... GRIMMIACEAE
Gymbelia T. Jens., orthogr. var. Guembelia = *Grimmia* ..... GRIMMIACEAE
Gymnocephalus Schwaegr., nom. rejic. = *Aulacomnium* ..... AULACOMNIACEAE
Gymnocybe Fries, nom. rejic. = *Aulacomnium* ..... AULACOMNIACEAE
Gymnomitriella Sak. = *Gymnostomiella* ..... POTTIACEAE
Gymnostomiella Fleisch. ..... POTTIACEAE (Splachnaceae)
Gymnostomum Hedw., nom. rejic.
Gymnostomum Nees & Hornsch., nom. cons. ..... POTTIACEAE
Gymnoweisia Mont. in Orbigny ≡ *Hymenostylium* .... POTTIACEAE
Gyrophyllum Dozy & Molk. = *Symblepharis* ..... DICRANACEAE
Gyroveisia Luis., orthogr. var. *Gyroweisia* ..... POTTIACEAE
Gyroweisia Schimp., nom. cons. ..... POTTIACEAE

Habrodon Schimp. ..... FABRONIACEAE
Hageniella Broth. ..... SEMATOPHYLLACEAE
Hampeella C. Müll. ..... PTYCHOMNIACEAE
Handeliobryum Broth. ..... NECKERACEAE
Haplocladium (C. Müll.) C. Müll. ..... THUIDIACEAE
Haplodon Lindb., orthogr. var. *Aplodon* ..... SPLACHNACEAE
Haplodontium Hampe ..... BRYACEAE
Haplohymenium Dozy & Molk., nom. cons. ..... THUIDIACEAE
Haplohymenium Schwaegr., nom. rejic. = *Thuidium* . THUIDIACEAE
Haptymenium Arnott ex Fürnr., nom. illeg. ≡ *Pterigynandrum* ..... ENTODONTACEAE
Harissona Adans. ex Leman, nom. rejic.
Harpidium (Sull.) Spruce, hom. illeg. ≡ *Drepanocladus* ..... AMBLYSTEGIACEAE

Harpophyllum Spruce ex Ren. & Card. ≡ *Hemiragis* .. HOOKERIACEAE
Harrisonia Spreng., hom. illeg. ≡ *Rhacocarpus* ..... HEDWIGIACEAE
Hedvigia Kindb., orthogr. var. *Hedwigia* ..... HEDWIGIACEAE
Hedwigia P. Beauv., nom. cons. ..... HEDWIGIACEAE
Hedwigidium B.S.G. ..... HEDWIGIACEAE
Helicoblepharum (Mitt.) Broth. ..... DALTONIACEAE (Hookeriaceae)
Helicodontiadelphus Dix. ..... FABRONIACEAE
Helicodontium Schwaegr. ..... FABRONIACEAE
Helicophyllum Brid. ..... HELICOPHYLLACEAE
Helmsia Bosw. = *Leptostomum* ..... BRYACEAE
Helodium Warnst., nom. cons. ..... THUIDIACEAE
Hemiragis (Brid.) Besch. ..... HOOKERIACEAE
Hemisinapsium Endl., orthogr. var. Hemisynapsium = *Bryum* ..... BRYACEAE
Hemisynapsium Brid. = *Bryum* ..... BRYACEAE
Henediella Fleisch., orthogr. var. Hennediella = *Pottia* ..... POTTIACEAE
Henicodium (C. Müll.) Kindb. ..... ?BRACHYTHECIACEAE
Hennedia R. Br. ter., hom. illeg. = *Pottia* ..... POTTIACEAE
Hennediella Par. = *Pottia* ..... POTTIACEAE
Henoniella Duby = *Ptychomitrium* ..... PTYCHOMITRIACEAE
Herpetineuron (C. Müll.) Card. ..... THUIDIACEAE
Herpetineurum Broth., orthogr. var. *Herpetineuron* ... THUIDIACEAE
Herpodium Wittst., orthogr. var. *Erpodium* ..... ERPODIACEAE
Herpodon Mont., orthogr. var. *Erpodium* ..... ERPODIACEAE
Herzogiella Broth. ..... HYPNACEAE
Heterocladium B.S.G. ..... THUIDIACEAE
Heterodon Raf. = *Fissidens* ..... FISSIDENTACEAE
Heterophyllium (Schimp.) Kindb. in Fleisch. ..... SEMATOPHYLLACEAE
Heterophyllon Kindb. ≡ *Heterophyllium* ..... SEMATOPHYLLACEAE
Heterophyllum Kindb., orthogr. var. *Heterophyllium* . SEMATOPHYLLACEAE
Hildebrandtiella C. Müll. ..... PTEROBRYACEAE
Himantocladium (Mitt.) Fleisch. ..... NECKERACEAE
Hollia Sieb. = *Dicnemon* ..... DICNEMONACEAE
Holmgrenia Lindb. ≡ *Orthothecium* ..... ENTODONTACEAE
Holoblepharum Dozy & Molk. = *Chaetomitrium* ..... HOOKERIACEAE
Holodontium (Mitt.) Broth. ..... DICRANACEAE
Holomitriopsis Robins. ..... DICRANACEAE
Holomitrium Brid., nom. cons. ..... DICRANACEAE
Homalia (Brid.) B.S.G. ..... NECKERACEAE
Homaliadelphus Dix. & P. de la Varde. ..... NECKERACEAE
Homaliodendron Fleisch. ..... NECKERACEAE
Homaliopsis Dix. & P. de la Varde in Dix., hom. illeg. ≡ *Homaliadelphus* ..... NECKERACEAE
Homalotheciella (Card.) Broth. ..... BRACHYTHECIACEAE
Homalothecium B.S.G. ..... BRACHYTHECIACEAE
Homomallium (Schimp.) Loeske ..... HYPNACEAE
Hondaella Dix. & Sak. ..... HYPNACEAE
Hookera I. Hag., orthogr. var. *Hookeria* ..... HOOKERIACEAE
Hookeria J. E. Sm., nom. cons. ..... HOOKERIACEAE
Hookeria Schwaegr., hom. illeg. ≡ *Tayloria* ..... SPLACHNACEAE
Hookeriopsis (Besch.) Jaeg. ..... HOOKERIACEAE

Hookeropsis I. Hag., orthogr. var. *Hookeriopsis* ..... HOOKERIACEAE
Horikawaea Nog. ..... PHYLLOGONIACEAE
Husnotiella Card. ..... POTTIACEAE
Hyalophyllum Warnst., nom. illeg. ≡ *Stegonia* ..... POTTIACEAE
Hydrocryphaea Dix. ..... NECKERACEAE (Cryphaeaceae)
Hydrogonium (C. Müll.) Jaeg. ..... POTTIACEAE
Hydrogrimmia (I. Hag.) Loeske ..... GRIMMIACEAE
Hydropogon Brid. ..... HYDROPOGONACEAE (Fontinalaceae)
Hydropogonella Card. ..... HYDROPOGONACEAE (Fontinalaceae)
Hygroamblystegium Loeske, nom. cons. ..... AMBLYSTEGIACEAE
Hygrodicranum Card. ..... DICRANACEAE
Hygrohypnum Lindb. ..... AMBLYSTEGIACEAE
Hygrypnum I. Hag., orthogr. var. *Hygrohypnum* ..... AMBLYSTEGIACEAE
Hylocomiastrum Fleisch. ex Broth. = *Hylocomium* ..... HYLOCOMIACEAE
Hylocomiopsis Card. ..... LESKEACEAE (Thuidiaceae)
Hylocomium B.S.G. ..... HYLOCOMIACEAE
Hymenocleiston Duby = *Tayloria* ..... SPLACHNACEAE
Hymenodon Hook. f. & Wils. ..... RHIZOGONIACEAE
Hymenodontopsis Herz. ..... RHIZOGONIACEAE
Hymenoloma Dus. (Seligeriaceae) = *Dicranoweisia* ..... DICRANACEAE
Hymenolomopsis Thér. ..... SELIGERIACEAE
Hymenolopsis Bartr., orthogr. var. *Hymenolomopsis* ..... SELIGERIACEAE
Hymenopogon P. Beauv., orthogr. var. Hymenopogum ≡ *Diphyscium* ..... BUXBAUMIACEAE
Hymenopogum P. Beauv., nom. illeg. ≡ *Diphyscium* ..... BUXBAUMIACEAE
Hymenostoma Griff. = *Encalypta* ..... ENCALYPTACEAE
Hymenostomum R. Br. ..... POTTIACEAE
Hymenostyliella Bartr. ..... POTTIACEAE
Hymenostylium Brid. ..... POTTIACEAE
Hymenostylium Hampe ex Garov., hom. illeg. ≡ *Amphidium* ..... ORTHOTRICHACEAE
Hyocomium B.S.G. ..... HYPNACEAE
Hyophila Brid. ..... POTTIACEAE
Hyophilopsis Card. & Dix. ..... POTTIACEAE
Hyophilopsis Crum, hom. illeg. ≡ *Neohyophila* ..... POTTIACEAE
Hypnella (C. Müll.) Jaeg. ..... SEMATOPHYLLACEAE (Hookeriaceae)
Hypnodendron (C. Müll.) Lindb. ex Mitt. ..... HYPNODENDRACEAE
Hypnodon C. Müll. ≡ *Rhachithecium* ..... RHACHITHECIACEAE
Hypnodontopsis Iwats. & Nog. ..... RHACHITHECIACEAE
Hypnofabronia Dix. ..... FABRONIACEAE
Hypnopsis (Kindb.) Podp., nom. rejic. prop. ≡ *Pleurozium* ..... ENTODONTACEAE
Hypnum Hedw., nom. cons. ..... HYPNACEAE
Hypodontium C. Müll. ..... CALYMPERACEAE
Hypopterygium Brid. ..... HOOKERIACEAE (Hypopterygiaceae)

Iishibaea Ish., orthogr. var. Ishibaea = *Lescuraea* .... LESKEACEAE
Illecebraria Hampe = *Aongstroemia* ..... DICRANACEAE
Indusiella Broth. & C. Müll. ..... GRIMMIACEAE
Ischyrodon C. Müll. ..... FABRONIACEAE
Ishibaea Broth. & Okam. (Brachytheciaceae) = *Lescuraea* ..... LESKEACEAE
Isocladiella Dix. ..... PLAGIOTHECIACEAE
Isocladus Lindb. = *Sphagnum* ..... SPHAGNACEAE
Isodrepanium (Mitt.) Britt. ..... NECKERACEAE (Hookeriaceae)
Isopterygiopsis Iwats. ..... PLAGIOTHECIACEAE
Isopterygium Mitt. ..... HYPNACEAE
Isotheciadelphus Dix. & Thér. = *Dolichomitriopsis* ... LEMBOPHYLLACEAE
Isotheciopsis Broth. ..... LEMBOPHYLLACEAE
Isothecium Brid. ..... LEMBOPHYLLACEAE
Itatiella G. L. Sm. ..... POLYTRICHACEAE

Jaegerina C. Müll. ..... PTEROBRYACEAE
Jaegerinopsis Broth. = *Jaegerina* ..... PTEROBRYACEAE
Jaffueliobryum Thér. ..... GRIMMIACEAE
Jonesia Biz., Pierr. & Pócs, hom. illeg. ≡ *Jonesiobryum* ..... FUNARIACEAE
Jonesiobryum Biz. & Pócs ..... FUNARIACEAE
Juratzkaea Lor. ..... FABRONIACEAE
Juratzkaeella Buck ..... FABRONIACEAE

Kashyapia R. S. Chopra, nom. illeg. ≡ *Syrrhopodon* .. CALYMPERACEAE
Kiaeria I. Hag. ..... DICRANACEAE
Kiairia Culm., orthogr. var. *Kiaeria* ..... DICRANACEAE
Kibunemuscus Toyama = *Rhachithecium* ..... RHACHITHECIACEAE
Kingiobryum Robins. ..... DICRANACEAE
Kisophyllum B. Pyl., orthogr. var. Skitophyllum ≡ *Fissidens* ..... FISSIDENTACEAE
Kleioweisiopsis Dix. ..... POTTIACEAE
Krauseella C. Müll. = *Tetraplodon* ..... SPLACHNACEAE
Kurohimehypnum Sak. ..... BRACHYTHECIACEAE

Lamprophyllum Lindb., hom. illeg. = *Pohlia* ..... BRYACEAE
Lamprophyllum Schimp. ex Broth., hom. illeg. ≡ *Schimperobryum* ..... HOOKERIACEAE
Lasia P. Beauv., hom. illeg. ≡ *Forsstroemia* ..... CRYPHAEACEAE
Leersia Hedw. ex Batsch, hom. illeg. ≡ *Encalypta* ... ENCALYPTACEAE
Leiodontium Broth. ..... HYPNACEAE
Leiomela (Mitt.) Broth. ..... BARTRAMIACEAE
Leiomitrium Mitt. ..... ORTHOTRICHACEAE
Leiostoma (Mitt.) Par. = *Macromitrium* ..... ORTHOTRICHACEAE
Leiotheca Brid., nom. rejic. = *Drummondia* ..... ORTHOTRICHACEAE
Lejotheca Hampe, orthogr. var. Leiotheca = *Drummondia* ..... ORTHOTRICHACEAE
Lembophyllum Lindb. ..... LEMBOPHYLLACEAE
Lephthymenium Hag., orthogr. var. *Leptohymenium* .. HYLOCOMIACEAE
Lepidopilidium (C. Müll.) Broth. ..... HOOKERIACEAE
Lepidopilum (Brid.) Brid. ..... DALTONIACEAE (Hookeriaceae)

Leptangium Mont., nom. illeg. = *Erpodium* ..... ERPODIACEAE
Leptobarbula Schimp. ..... POTTIACEAE
Leptobryum (B.S.G.) Wils. ..... BRYACEAE
Leptochlaena Mont., hom. illeg. = *Mielichhoferia* .... BRYACEAE
Leptocladiella Fleisch. =
Leptohymenium ..... HYLOCOMIACEAE
Leptocladium Broth. ..... THUIDIACEAE
Leptodictyum (Schimp.) Warnst. ..... AMBLYSTEGIACEAE
Leptodon Mohr ..... NECKERACEAE
Leptodontiella Zander & E. Hege. ..... POTTIACEAE
Leptodontiopsis Broth. in Mildbr. ..... ORTHOTRICHACEAE
Leptodontium (C. Müll.) Hampe ex Lindb. ..... POTTIACEAE
Leptohymenium Schwaegr. ..... HYLOCOMIACEAE
Leptoischyrodon Dix. ..... FABRONIACEAE
Leptopterigynandrum C. Müll. ..... THUIDIACEAE
Leptopterygynandrum Broth., orthogr. var.
Leptopterigynandrum ..... THUIDIACEAE
Leptorrhyncho-Hypnum Hampe = *Sematophyllum* .... SEMATOPHYLLACEAE
Leptostomum R. Br., nom. cons. ..... BRYACEAE
(Leptostomataceae)
Leptotheca Schwaegr. ..... AULACOMNIACEAE
Leptotrichella (C. Müll.) Lindb. = *Microdus* ..... DICRANACEAE
Leptotrichum Hampe ex C. Müll., hom. illeg. =
Microdus ..... DITRICHACEAE
Lepyrodon Hampe ..... LEPYRODONTACEAE
Lepyrodontopsis Broth. ..... BRACHYTHECIACEAE
Leratia Broth. & Par. ..... ORTHOTRICHACEAE
Leratiella Broth. & Syd., nom. illeg. ≡ *Leratia* ..... ORTHOTRICHACEAE
Lescuraea B.S.G. ..... LESKEACEAE
Leskea Hedw. ..... LESKEACEAE
Leskeadelphus Herz. ..... LESKEACEAE
Leskeella (Limpr.) Loeske ..... LESKEACEAE
Leskeodon Broth. ..... DALTONIACEAE
(Hookeriaceae)
Leskeodontopsis Zant. ..... DALTONIACEAE
(Hookeriaceae)
Leskeopsis Broth. ..... LESKEACEAE
Leskuraea B.S.G. ex Jaeg., orthogr. var. *Lescuraea* ... LESKEACEAE
Lesquereuxia Lindb., orthogr. var. *Lescuraea* ..... LESKEACEAE
Lesquereuxia Lindb. ex Broth., hom. illeg. (Rhytidiaceae) = *Rigodiadelphus* ..... LESKEACEAE
Leucobryum Hampe ..... DICRANACEAE
(Leucobryaceae)
Leucodon Schwaegr. ..... LEUCODONTACEAE
Leucodoniopsis Ren. & Card., orthogr. var.
Leucodontopsis ..... LEUCODONTACEAE
Leucodontella Nog. = *Leucodon* ..... LEUCODONTACEAE
Leucodontopsis Ren. & Card. ..... LEUCODONTACEAE
Leucolepis Lindb. ..... MNIACEAE
Leucoloma Brid., nom. cons. ..... DICRANACEAE
Leucomium Mitt. ..... HYPNACEAE
(Leucomiaceae)
Leucomnium Mitt., orthogr. var. *Leucomium* ..... HYPNACEAE
Leucophanella (Besch.) Fleisch. ≡ *Syrrhopodon* ..... CALYMPERACEAE

Leucophanes Brid. ..... CALYMPERACEAE
(Leucobryaceae)
Levierella C. Müll. ..... ENTODONTACEAE
Ligulina C. Müll. = p.p. *Plagiothecium* (Plagiotheciaceae) & p.p. *Potamium* (Sematophyllaceae)
Limbella (Broth.) Bartr. ..... PTEROBRYACEAE
Limneria Stirt. = *Didymodon* ..... POTTIACEAE
Limnobiella (C. Müll.) C. Müll. = *Glossadelphus* ..... SEMATOPHYLLACEAE
Limnobium B.S.G., hom. illeg. ≡ *Hygrohypnum* ..... AMBLYSTEGIACEAE
Limnobryum Rabenh. = *Aulacomnium* ..... AULACOMNIACEAE
Limprichtia Loeske = *Drepanocladus* ..... AMBLYSTEGIACEAE
Lindbergia Kindb. ..... LESKEACEAE
Lindigia Hampe ..... METEORIACEAE
Liomela Hag., orthogr. var. *Leiomela* ..... BARTRAMIACEAE
Liomitrium Hag., orthogr. var. *Leiomitrium* ..... ORTHOTRICHACEAE
Liopilus Mohr ex Web. ..... INCERTAE SEDIS
Liotheca Hag., orthogr. var. Leiotheca = *Drummondia* ..... ORTHOTRICHACEAE
Loeskea Fleisch., orthogr. var. *Leskea* ..... LESKEACEAE
Loeskeobryum Fleisch. in Broth. (Rhytidiaceae) = *Hylocomium* ..... HYLOCOMIACEAE
Loeskypnum Paul = *Drepanocladus* ..... AMBLYSTEGIACEAE
Loiseaubryum Biz. ..... FUNARIACEAE
Lomoporotrichum C. Müll. = *Sciaromium* ..... AMBLYSTEGIACEAE
Lophidium Rodw., orthogr. var. *Lopidium* ..... HOOKERIACEAE
Lophiodon Hook. f. & Wils., nom. rejic. = *Ditrichum* ..... DITRICHACEAE
Lopidium Hook. f. & Wils. ..... HOOKERIACEAE
(Hypopterygiaceae)
Lorentzia Hampe = *Pelekium* ..... THUIDIACEAE
Lorentziella C. Müll. ..... GIGASPERMACEAE
Luisierella Thér. & P. de la Varde ..... POTTIACEAE
Lydiaea Laz. = *Phascum* ..... POTTIACEAE
Lyellia R. Br. ..... POLYTRICHACEAE

Macgregorella Bartr. = *Schwetschkea* ..... FABRONIACEAE
Macouniella Kindb. = *Antitrichia* ..... LEUCODONTACEAE
Macrauchenangium Wijk, Marg. & Florsch., orthogr. var. Macrauchenium Brid. = p.p. *Plagiobryum* & p.p. *Pohlia* ..... BRYACEAE
Macrauchenium Brid. = p.p. *Plagiobryum* & p.p. *Pohlia* ..... BRYACEAE
Macrocoma (C. Müll.) Grout ..... ORTHOTRICHACEAE
Macrodon Arnott, nom. rejic. ≡ *Leucoloma* ..... DICRANACEAE
Macroglossum Hilp., nom. illeg. = *Hyophila* ..... POTTIACEAE
Macrohymenium C. Müll. ..... SEMATOPHYLLACEAE
Macrohymenium C. Müll. in Dozy & Molk., hom. illeg. ..... REGMATODONTACEAE
Macromitrium Brid. ..... ORTHOTRICHACEAE
Macrosporiella Dix. & Thér. = *Leucodon* ..... LEUCODONTACEAE
Macrothamniella Fleisch. ..... HYLOCOMIACEAE
Macrothamnium Fleisch. ..... HYLOCOMIACEAE

Macrothecium Brid., orthogr. var. Megalangium ≡ *Acidodontium* ..... BRYACEAE
Macrymenium Hag., orthogr. var. Macrohymenium C. Müll. in Dozy & Molk., hom. illeg. ..... REGMATODONTACEAE
Maireola Thér. & Trab. ..... DICRANACEAE
Mamillariella Laz. ..... FABRONIACEAE
Mandoniella Herz. ..... BRACHYTHECIACEAE
Mascalomthus Lem., orthogr. var. Maschalanthus = *Pterigynandrum* ..... ENTODONTACEAE
Maschalanthus Spreng. ex K. F. Schultz, nom. illeg. = *Pterigynandrum* ..... ENTODONTACEAE
Maschalocarpus Spreng., nom. illeg. ≡ *Pterigynandrum* ..... ENTODONTACEAE
Mastopoma Card. ..... SEMATOPHYLLACEAE
Matsumuraea Okam. = *Duthiella* ..... LESKEACEAE
Meesea C. Müll., orthogr. var. *Meesia* ..... MEESIACEAE
Meesia Hedw., nom. cons. ..... MEESIACEAE
Megalangium Brid., nom. rejic. ≡ *Acidodontium* ..... BRYACEAE
Meiotheciopsis Broth. ..... SEMATOPHYLLACEAE
Meiothecium Mitt. ..... SEMATOPHYLLACEAE
Melophyllum Herz. = *Bryomanginia* ..... DITRICHACEAE
Merceya Schimp. = *Scopelophila* ..... POTTIACEAE
Merceyopsis Broth. & Dix. ..... POTTIACEAE
Merrilliobryum Broth. ..... FABRONIACEAE
Mesochaete Lindb. ..... RHIZOGONIACEAE
Mesonodon Hampe ..... ENTODONTACEAE
Mesotus Mitt. in Hook. f. ..... DICNEMONACEAE
Metadistichophyllum Nog. & Iwats. = *Distichophyllum* ..... HOOKERIACEAE
Metaneckera Steere ..... NECKERACEAE
Meteoridium (C. Müll.) Manuel ..... METEORIACEAE
Meteoriella Okam. ..... METEORIACEAE
Meteoriopsis Fleisch. ex Broth. ..... METEORIACEAE
Meteorium (Brid.) Dozy & Molk. ..... METEORIACEAE
Metorium Reichenb., orthogr. var. *Meteorium* ..... METEORIACEAE
Metzlera Hag., orthogr. var. Metzleria = *Atractylocarpus* ..... DICRANACEAE
Metzlerella Hag. = *Atractylocarpus* ..... DICRANACEAE
Metzleria Schimp. ex Milde, nom. rejic. = *Atractylocarpus* ..... DICRANACEAE
Microbryum Schimp. = *Phascum* ..... POTTIACEAE
Microcampylopus (C. Müll.) Fleisch. ..... DICRANACEAE
Microctenidium Fleisch. ..... HYPNACEAE
Microdendron Broth. ..... POLYTRICHACEAE
Microdus Schimp. in Besch. ..... DICRANACEAE
Micromitrium Aust. ..... EPHEMERACEAE
Micromitrium Schimp. in Besch., hom. illeg. ≡ *Groutiella* ..... ORTHOTRICHACEAE
Microphilonotis Sak. = *Pohlia* ..... BRYACEAE
Micropoma Lindb. ..... FUNARIACEAE
Microstegium Lindb., hom. illeg. ≡ *Micropoma* ..... FUNARIACEAE
Microthamnium Mitt., hom. illeg. ≡ *Mittenothamnium* ..... HYPNACEAE
Microtheciella Dix. (Erpodiaceae) ..... MICROTHECIELLACEAE

Microthuidium (Limpr.) Warnst. = *Thuidium* ..... THUIDIACEAE
Mielichhofera Hag., orthogr. var. *Mielichhoferia* ..... BRYACEAE
Mielichhoferia Nees & Hornsch. ..... BRYACEAE
Mielichoferia Spruce, orthogr. var. *Mielichhoferia* .... BRYACEAE
Mildea Warnst., hom. illeg. = *Pottia* ..... POTTIACEAE
Mildeella Limpr., hom. illeg. = *Pottia* ..... POTTIACEAE
Miothecium Mitt., orthogr. var. *Meiothecium* ..... SEMATOPHYLLACEAE
Mitrapoma Duby = *Calyptrochaeta* ..... HOOKERIACEAE
Mitrobryum Robins. ..... DICRANACEAE
Mitropoma Duby, orthogr. var. Mitrapoma =
Calyptrochaeta ..... HOOKERIACEAE
Mittenia Lindb. ..... MITTENIACEAE
Mittenothamnium Henn., nom. cons. ..... HYPNACEAE
Mitthyridium Robins. ..... CALYMPERACEAE
Miyabea Broth. ..... THUIDIACEAE
Mniadelphus C. Müll., nom. illeg. ≡
Distichophyllum ..... HOOKERIACEAE
Mniobryoïdes Hörm. ..... BRYACEAE
Mniobryum Limpr., nom. cons. ..... BRYACEAE
Mniodendron Lindb. in Dozy & Molk. =
Hypnodendron ..... HYPNODENDRACEAE
Mniodendrum Hag., orthogr. var. Mniodendron =
Hypnodendron ..... HYPNODENDRACEAE
Mniomalia C. Müll. ..... PHYLLODREPANIACEAE
Mniomallia Bartr., orthogr. var. *Mniomalia* ..... PHYLLODREPANIACEAE
Mniopsis Mitt. in Hook. f., hom. illeg. ≡ *Mittenia* ... MITTENIACEAE
Mnium Hedw., nom. cons. ..... MNIACEAE
Moenckemeyera Broth., orthogr. var. Moenkemeyera =
Fissidens ..... FISSIDENTACEAE
Moenkemeyera C. Müll. = *Fissidens* ..... FISSIDENTACEAE
Molendoa Lindb. ..... POTTIACEAE
Mollia Schrank. ex Lindb., hom. illeg. = p.p. *Barbula*
& p.p. *Tortula* ..... POTTIACEAE
Monocranum C. Müll. ..... DICRANACEAE
Monoschisma Duby = *Meteorium* ..... METEORIACEAE
Morinia Card. ..... POTTIACEAE
Moritzia Hampe, hom. illeg. = *Schoenobryum* ..... CRYPHAEACEAE
Moseniella Broth. ..... SPLACHNACEAE
Muelleriella Dus., nom. cons. ..... ORTHOTRICHACEAE
Muellerobryum Fleisch. ..... PTEROBRYACEAE
Muscoflorschuetzia Crosby ..... BUXBAUMIACEAE
Myrinia Schimp., nom. cons. ..... FABRONIACEAE
Myurella B.S.G. ..... THELIACEAE
Myuriopsis Nog. ≡ *Eumyurium* ..... MYURIACEAE
Myurium Schimp. ..... MYURIACEAE
Myuroclada Besch. ..... BRACHYTHECIACEAE

Nadeaudia Besch. ≡ *Calomnion* ..... CALOMNIACEAE
Nanobryum Dix. ..... NANOBRYACEAE
(Dicranaceae)
Nanomitriella Bartr. ..... FUNARIACEAE
Nanomitriopsis Card. (Ephemeraceae) =
Pseudephemerum ..... DICRANACEAE
Nanomitrium Lindb., nom. illeg. ≡ *Micromitrium* ... EPHEMERACEAE

Nanothecium Dix. & P. de la Varde ..... ENTODONTACEAE
Neacroporium Iwats. & Nog. ..... SEMATOPHYLLACEAE
Neckera Hedw., nom. cons. ..... NECKERACEAE
Neckeradelphus Laz. = *Neckera* ..... NECKERACEAE
Neckeradelphus Steere, hom. illeg. ≡ *Metaneckera* ... NECKERACEAE
Neckeropsis Reichardt ..... NECKERACEAE
Neobarbella Nog. = *Isotheciopsis* ..... LEMBOPHYLLACEAE
Neobarbula Dus. = *Tortula* ..... POTTIACEAE
Neobryum Williams = *Osculatia* ..... BRYACEAE
Neocardotia Thér. & Bartr. = *Rhexophyllum* ..... POTTIACEAE
Neodolichomitra Nog. ..... RHYTIDIACEAE
Neohyophila Crum ..... POTTIACEAE
Neohypnella Bartr. ..... SEMATOPHYLLACEAE
Neolescuraea Nog. = *Rigodiadelphus* ..... LESKEACEAE
Neolindbergia Fleisch. ..... PTEROBRYACEAE (Prionodontaceae)

Neoloma Card., orthogr. var. Neuroloma = *Andreaea* ..... ANDREAEACEAE
Neomacounia Irel. ..... NECKERACEAE
Neorutenbergia Biz. & Pócs ..... RUTENBERGIACEAE
Neosharpiella Robins. & Delg. ..... FUNARIACEAE
Neuroloma Card., hom. illeg. = *Andreaea* ..... ANDREAEACEAE
Notarisia Hampe, hom. illeg. = *Ptychomitrium* ..... PTYCHOMITRIACEAE
Notoligotrichum G. L. Sm. ..... POLYTRICHACEAE
Nyholmiella Holmen & Warncke = *Orthotrichum* .... ORTHOTRICHACEAE

Ochrobryum Mitt. ..... DICRANACEAE (Leucobryaceae)
Octoblepharis Lindb., orthogr. var. *Octoblepharum* ... CALYMPERACEAE
Octoblepharum Hedw. ..... CALYMPERACEAE (Leucobryaceae)
Octodiceras Brid. = *Fissidens* ..... FISSIDENTACEAE
Octogonella Dix. ..... ORHOTRICHACEAE
Oedicladium Mitt. = *Myurium* ..... MYURIACEAE
Oedipodiella Dix. ..... GIGASPERMACEAE
Oedipodium Schwaegr. ..... OEDIPODIACEAE
Okamuraea Broth. ..... RHYTIDIACEAE
Oligotrichum Lam. & Cand. ..... POLYTRICHACEAE
Olomitrium Brid., nom. rejic. ≡ *Holomitrium* ..... DICRANACEAE
Omalia (Brid.) B.S.G., orthogr. var. *Homalia* ..... NECKERACEAE
Oncophora Wallr., nom. illeg. ≡ *Oncophorus* ..... DICRANACEAE
Oncophorus (Brid.) Brid. ..... DICRANACEAE
Oreas Brid. ..... DICRANACEAE
Oreas Brid. in Lindb., hom. illeg. = *Mielichhoferia* .. BRYACEAE
Oreoweisia (B.S.G.) De Not. ..... DICRANACEAE
Orontobryum Mitt. ex Fleisch. ..... ENTODONTACEAE (Hookeriaceae)

Orthoamblystegium Dix. & Sak. ..... LESKEACEAE
Orthodicranum (B.S.G.) Loeske ..... DICRANACEAE
Orthodon R. Br. = *Tayloria* ..... SPLACHNACEAE
Orthodontium Schwaegr. ..... BRYACEAE
Ortholimnobium Dix. ..... AMBLYSTEGIACEAE
Orthomnion Wils. ..... MNIACEAE

Orthomniopsis Broth. ..... MNIACEAE
Orthomnium Broth., orthogr. var. *Orthomnion* ..... MNIACEAE
Orthopixis P. Beauv., orthogr. var. Orthopyxis ≡
Aulacomnium ..... AULACOMNIACEAE
Orthopus Wulfsb. = *Campylopus* ..... DICRANACEAE
Orthopyxis P. Beauv., nom. rejic. ≡
Aulacomnium ..... AULACOMNIACEAE
Orthorhynchium Reichardt, orthogr. var.
Orthorrhynchium ..... PHYLLOGONIACEAE
Orthorrhynchidium Ren. & Card. ..... PTEROBRYACEAE
Orthorrhynchium Reichardt ..... PHYLLOGONIACEAE
Orthostichella C. Müll. = *Pilotrichella* ..... METEORIACEAE
Orthostichidium C. Müll. ex Dus. ..... PTEROBRYACEAE
Orthostichopsis Broth. ..... PTEROBRYACEAE
Orthotheca Brid. = *Syrrhopodon* ..... CALYMPERACEAE
Orthotheciadelphus Dix. ..... ENTODONTACEAE
Orthothecium B.S.G., nom. cons. ..... ENTODONTACEAE
Orthotrichum Hedw. ..... ORTHOTRICHACEAE
Osculatia De Not. ..... BRYACEAE
Osmundula Rabenh. = *Fissidens* ..... FISSIDENTACEAE
Osterwaldiella Fleisch. ex Broth. ..... PTEROBRYACEAE
Oticodium (C. Müll.) Kindb. = *Palamocladium* ..... BRACHYTHECIACEAE
Oxyrrhynchium (B.S.G.) Warnst. ..... BRACHYTHECIACEAE
Oxystegus (Limpr.) Hilp. ..... POTTIACEAE

Pachyfissidens (C. Müll.) Limpr. = *Fissidens* ..... FISSIDENTACEAE
Pachyneuropsis Mill. ..... POTTIACEAE
Pachyneurum Amann = *Tortula* ..... POTTIACEAE
Pachyneurum Bartr., hom. illeg. ≡ *Pachyneuropsis* ... POTTIACEAE
Palamocladium C. Müll. ..... BRACHYTHECIACEAE
Palisadula Toyama ..... SEMATOPHYLLACEAE
Paludella Ehrh. ex Brid. ..... MEESIACEAE
Panckowia (Lindb.) Mönk., hom. illeg. =
Eurhynchium ..... BRACHYTHECIACEAE
Pancovia Neck. ex Kickx, = *Eurhynchium* ..... BRACHYTHECIACEAE
Papillaria (C. Müll.) C. Müll., nom. cons. ..... METEORIACEAE
Paraleucobryum (Limpr.) Loeske ..... DICRANACEAE
Paramyurium (Limpr.) Warnst. = *Cirriphyllum* ..... BRACHYTHECIACEAE
Parisia Broth. ..... DICRANACEAE
Pelecium Hag., orthogr. var. *Pelekium* ..... THUIDIACEAE
Pelekium Mitt. ..... THUIDIACEAE
Pentastichella C. Müll. = *Stenomitrium* ..... ORTHOTRICHACEAE
Penzigiella Fleisch. ..... PTEROBRYACEAE
Perisiphorus P. Beauv. = *Hedwigia* ..... HEDWIGIACEAE
Peromnion Schwaegr. = *Brachymenium* ..... BRYACEAE
Perssonia Biz. ..... BRYACEAE
Pharomitrium Schimp., nom. rejic. = *Pterygoneurum* . POTTIACEAE
Phasconica C. Müll. ..... POTTIACEAE
Phascum Hedw. ..... POTTIACEAE
Philibertiella Card. ..... DITRICHACEAE
Philocrya Hag. & C. Jens. = *Lyellia* ..... POLYTRICHACEAE
Philonotis Brid. ..... BARTRAMIACEAE
Philonotula (B.S.G.) B.S.G. = *Philonotis* ..... BARTRAMIACEAE

Philonotula Hampe, hom. illeg. = *Bartramidula* ..... BARTRAMIACEAE
Philophyllum C. Müll. ..... HOOKERIACEAE
Philoscia Berk. = *Plagiothecium* ..... PLAGIOTHECIACEAE
Phlogostomum Hampe, nom. illeg. = *Clasmatodon* ... FABRONIACEAE
Photinophyllum Mitt., nom. illeg. = *Goniobryum* ..... RHIZOGONIACEAE
Phyllodon B.S.G. ..... HOOKERIACEAE
Phyllodrepanium Crosby ..... PHYLLODREPANIACEAE
Phyllogonium Brid. ..... PHYLLOGONIACEAE
Phylonotis Papp, orthogr. var. *Philonotis* ..... BARTRAMIACEAE
Physcomitrella B.S.G. ..... FUNARIACEAE
Physcomitrellopsis Broth. & Wager ex Dix. ..... FUNARIACEAE
Physcomitridium (C. Müll.) G. Roth = *Physcomitrella* FUNARIACEAE
Physcomitrium (Brid.) Brid. ..... FUNARIACEAE
Physedium Brid. = *Pottia* ..... POTTIACEAE
Physodictyon Kuetz. ..... INSERTAE SEDIS
Pilaisaea Desv. in B. Pyl. = *Plagiothecium* ..... PLAGIOTHECIACEAE
Pilaisia Hérib., orthogr. var. *Pylaisia* ..... HYPNACEAE
Piloecium (C. Müll.) Broth. ..... MYURIACEAE
Pilopogon Brid. ..... DICRANACEAE
Pilopogonella Bartr. ..... DICRANACEAE
Pilosium (C. Müll.) Fleisch. ..... PLAGIOTHECIACEAE
Pilotrichella (C. Müll.) Besch. ..... METEORIACEAE
Pilotrichidium Besch. ..... HOOKERIACEAE (Pilotrichaceae)
Pilotrichopsis Besch. ..... CRYPHAEACEAE
Pilotrichum P. Beauv. ≡ *Leptodon* ..... NECKERACEAE
Pilotrichum Brid., hom. illeg. (Pilotrichaceae) = *Callicosta* ..... DALTONIACEAE
Pinnatella Fleisch. ..... NECKERACEAE
Pinnatera Okam., orthogr. var. *Pinnatella* ..... NECKERACEAE
Pirea Card., hom. illeg. ≡ *Pireella* ..... PTEROBRYACEAE
Pireella Card. ..... PTEROBRYACEAE
Plagiobryum Lindb. ..... BRYACEAE
Plagiomnium T. Kop. ..... MNIACEAE
Plagiopus Brid. ..... BARTRAMIACEAE
Plagiotheciella Fleisch. ex Broth., nom. illeg. (Hypnaceae) = *Plagiothecium* ..... PLAGIOTHECIACEAE
Plagiotheciopsis Broth. ..... ENTODONTACEAE
Plagiothecium B.S.G., nom. cons. prop. ..... PLAGIOTHECIACEAE
Plasteurhynchium Fleisch. ex Broth. ..... LEMBOPHYLLACEAE
Platihypnidium Sak., orthogr. var. *Platyhypnidium* ... AMBLYSTEGIACEAE
Platydictya Berk. ..... AMBLYSTEGIACEAE
Platygyriella Card. ..... HYPNACEAE
Platygyrium B.S.G., nom. cons. ..... HYPNACEAE
Platyhypnidium Fleisch. ..... AMBLYSTEGIACEAE
Platyhypnum Loeske = *Hygrohypnum* ..... AMBLYSTEGIACEAE
Platyloma Kindb., hom. illeg. = *Platylomella* ..... AMBLYSTEGIACEAE
Platylomella Andrews ..... AMBLYSTEGIACEAE
Platyneurum (Card.) Broth. ..... DICRANACEAE
Plaubelia Brid., nom. rejic. = *Desmatodon* ..... POTTIACEAE
× *Pleuriditrichum* Andrews & Hermann ..... DITRICHACEAE
Pleuridiella Robins. ..... DITRICHACEAE
Pleuridium Rabenh., nom. cons. ..... DITRICHACEAE

Pleuridium Brid., nom. rejic. = *Archidium* ..... ARCHIDIACEAE
Pleurochaete Lindb. ..... POTTIACEAE
Pleurophascum Lindb. ..... PLEUROPHASCACEAE
Pleuropus Griff., hom. illeg. ≡ *Palamocladium* ..... BRACHYTHECIACEAE
Pleurorthotrichum Broth. ..... ORTHOTRICHACEAE
Pleuroweisia Limpr. ..... POTTIACEAE
Pleuroziopsis Kindb. ex Britt. ..... PLEUROZIOPSACEAE (Climaciaceae)
Pleurozium Mitt., nom. cons. prop. ..... ENTODONTACEAE
Pleurozium (Sull.) Mitt., nom. illeg. ≡ *Hylocomium* ... HYLOCOMIACEAE
Pleurozygodon Lindb. = *Anoectangium* ..... POTTIACEAE
Pleurozygodontopsis Dix. ..... ORTHOTRICHACEAE
Poecilophyllum Mitt. = *Leucoloma* ..... DICRANACEAE
Pogonatum P. Beauv. ..... POLYTRICHACEAE
Pohlia Hedw. ..... BRYACEAE
Polla (Brid.) Loeske ≡ *Mnium* ..... MNIACEAE
Polymerodon Herz. ..... DICRANACEAE
Polypodiopsis (C. Müll.) Jaeg. = *Fissidens* ..... FISSIDENTACEAE
Polytrichadelphus (C. Müll.) Mitt. ..... POLYTRICHACEAE
Polytrichastrum G. L. Sm. ..... POLYTRICHACEAE
Polytrichodendron Fleisch. = *Dendroligotrichum* ..... POLYTRICHACEAE
Polytrichum Hedw. ..... POLYTRICHACEAE
Porothamnium Fleisch. ..... NECKERACEAE
Porotrichella Card. in Grand. = *Orthostichopsis* ..... PTEROBRYACEAE
Porotrichodendron Fleisch. ..... LEMBOPHYLLACEAE
Porotrichodendrum Fleisch., orthogr. var.
Porotrichodendron ..... LEMBOPHYLLACEAE
Porotrichopsis Broth. & Herz. ..... LEMBOPHYLLACEAE
Porotrichum (Brid.) Hampe ..... NECKERACEAE
Potamium Mitt. ..... SEMATOPHYLLACEAE
Pottia (Reichenb.) Fürnr. ..... POTTIACEAE
Pottiella (Limpr.) Gams = *Phascum* ..... POTTIACEAE
Powellia Mitt. ..... RACOPILACEAE
Pringleella Card. ..... DITRICHACEAE
Pringleella Broth., hom. illeg. = *Pringleella* Card. ... DITRICHACEAE
Prionidium Hilp. ..... POTTIACEAE
Prionodon C. Müll. ..... PRIONODONTACEAE
Pseudatrichum Reim. ..... POLYTRICHACEAE
Pseudephemerum (Lindb.) I. Hag. ..... DICRANACEAE
Pseudisothecium Grout = *Isothecium* ..... LEMBOPHYLLACEAE
Pseudobarbella Nog. ..... METEORIACEAE
Pseudobraunia (Lesq. & James) Broth. ..... HEDWIGIACEAE
Pseudobryum (Kindb.) T. Kop. ..... MNIACEAE
Pseudocalliergon (Limpr.) Loeske = p.p. *Calliergon* & p.p. *Drepanocladus* ..... AMBLYSTEGIACEAE
Pseudocrossidium Williams ..... POTTIACEAE
Pseudocryphaea Brid. ex Broth. ..... LEUCODONTACEAE
Pseudodimerodontium (Broth.) Broth. ..... FABRONIACEAE
Pseudodistichium Card. ..... DITRICHACEAE
Pseudoditrichum Steere & Iwats. ..... PSEUDODITRICHACEAE
Pseudoephemerum I. Hag., orthogr. var.
Pseudephermerum ..... DICRANACEAE
Pseudohygrohypnum Kanda ..... AMBLYSTEGIACEAE
Pseudohyophila Hilp. ..... GRIMMIACEAE

Pseudohypnella (Broth.) Fleisch. ..... SEMATOPHYLLACEAE (Hookeriaceae)
Pseudoisothecium Grout ex Podp., orthogr. var. Pseudisothecium = *Isothecium* ..... LEMBOPHYLLACEAE
Pseudoleskea B.S.G. ..... LESKEACEAE
Pseudoleskeella Kindb. ..... LESKEACEAE
Pseudoleskeopsis Broth. ..... LESKEACEAE
Pseudopiloecium Bartr. ..... SEMATOPHYLLACEAE
Pseudopleuropus Tak. ..... BRACHYTHECIACEAE
Pseudopohlia Williams ..... BRYACEAE
Pseudopterobryum Broth. ..... PTEROBRYACEAE
Pseudoracelopus Broth. ..... POLYTRICHACEAE
Pseudorhacelopus Broth., orthogr. var. *Pseudoracelopus* ..... POLYTRICHACEAE
Pseudoscleropodium (Limpr.) Fleisch. ex Broth. ..... ENTODONTACEAE
Pseudospiridentopsis (Broth.) Fleisch. ..... TRACHYPODACEAE
Pseudostereodon (Broth.) Fleisch. ..... HYPNACEAE
Pseudosymblepharis Broth. ..... POTTIACEAE
Pseudoterobryum Wijk, Marg. & Florsch., orthogr. var. *Pseudopterobryum* ..... PTEROBRYACEAE
Pseudothuidium Herz. = *Diaphanodon* ..... TRACHYPODACEAE
Pseudotrachypus P. de la Varde & Thér. ..... TRACHYPODACEAE
Pseudoweisia Krause, nom. illeg. ≡ *Dicranoweisia* .... DICRANACEAE
Psilopilum Brid. ..... POLYTRICHACEAE
Pterigoneurum Jur., orthogr. var. ≡ *Pterygoneurum* ..... POTTIACEAE
Pterigonium Gray, orthogr. var. *Pterogonium* ..... LEUCODONTACEAE
Pterigophyllum Brid., orthogr. var. Pterygophyllum Brid. ≡ *Hookeria* ..... HOOKERIACEAE
Pterigynandrum Hedw. ..... ENTODONTACEAE
Pterobryella (C. Müll.) Jaeg. ..... PTEROBRYACEAE
Pterobryidium Broth. & Watts ..... PTEROBRYACEAE
Pterobryon Hornsch. ..... PTEROBRYACEAE
Pterobryopsis Fleisch. ..... PTEROBRYACEAE
Pterobryum Hornsch., orthogr. var. *Pterobryon* ..... PTEROBRYACEAE
Pterogoneurum Jur., orthogr. var. *Pterygoneurum* .... POTTIACEAE
Pterogoniadelphus Fleisch. = *Filipponea* ..... LEUCODONTACEAE
Pterogonidium C. Müll. ex Broth. ..... SEMATOPHYLLACEAE
Pterogoniella Schimp. ex Broth. = *Meiothecium* ..... SEMATOPHYLLACEAE
Pterogoniopsis C. Müll. ..... SEMATOPHYLLACEAE
Pterogonium Sw. ..... LEUCODONTACEAE
Pterogynandrum Herib., orthogr. var. *Pterigyandrum* . ENTODONTACEAE
Pterygoneuron Kindb., orthogr. var. *Pterygoneurum* .. POTTIACEAE
Pterygoneurum Jur., nom. cons. ..... POTTIACEAE
Pterygophyllum Brid., nom. illeg. ≡ *Hookeria* ..... HOOKERIACEAE
Pterygophyllum Broth., hom. illeg. ≡ *Achrophyllum* .. HOOKERIACEAE
Pterygynandrum Hedw., orthogr. var. *Pterigynandrum* ..... ENTODONTACEAE
Pthychomitrium Fürnr., nom. rejic. = *Ptychomitrium* . PTYCHOMITRIACEAE
Pticodes Lem., orthogr. var. Ptychodes ≡ *Schlotheimia*. ORTHOTRICHACEAE
Ptichodium Pavl., orthogr. var. Ptychodium = *Lescuraea* ..... LESKEACEAE
Pticomitrium Fürnr., orthogr. var. *Ptychomitrium* .... PTYCHOMITRIACEAE
Ptilium De Not. ..... HYPNACEAE

Ptilocladus Lindb. = *Camptochaete* ..... LEMBOPHYLLACEAE
Ptychodes Web. ≡ *Schlotheimia* ..... ORTHOTRICHACEAE
Ptychodium Schimp. (Rhytidiaceae) = *Lescuraea* ..... LESKEACEAE
Ptychomitriopsis Dix. ..... PTYCHOMITRIACEAE
Ptychomitrium Fürnr., nom. cons. ..... PTYCHOMITRIACEAE
Ptychomnion (Hook. f. & Wils.) Mitt. ..... PTYCHOMNIACEAE
Ptychomnium Broth., orthogr. var. *Ptychomnion* ..... PTYCHOMNIACEAE
Ptychophyllum Broth., hom. illeg. ..... HYPNACEAE
Ptychophyllum Dix. & Herz., hom. illeg. ≡ Ptychophyllum Broth., hom. illeg. ..... HYPNACEAE
Ptychostomum Hornsch. = *Bryum* ..... BRYACEAE
Ptycomitrium Ångstr., orthogr. var. *Ptychomitrium* ... PTYCHOMITRIACEAE
Puiggaria Duby = *Lepidopilum* ..... DALTONIACEAE
Puiggariella Broth. ..... HYPNACEAE
Puiggarria Wijk, Marg. & Florsch., orthogr. var. Puiggaria = *Lepidopilum* ..... DALTONIACEAE
Pulvinella Broth. & Herz. ..... HOOKERIACEAE
Pungentella C. Müll. ..... SEMATOPHYLLACEAE
Pycnapophyscium (Reichenb.) C. Müll., nom. illeg. ≡ *Tetraplodon* ..... SPLACHNACEAE
Pylaiea Lindb., orthogr. var. *Pylaisia* ..... HYPNACEAE
Pylaisaea B. Pyl., orthogr. var. Pilaisaea = *Plagiothecium* ..... PLAGIOTHECIACEAE
Pylaisaea B.S.G., hom. illeg. = *Pylaisia* ..... HYPNACEAE
Pylaisea Fürnr., orthogr. var. Pilaisaea = *Plagiothecium* ..... PLAGIOTHECIACEAE
Pylaisia Schimp. ..... HYPNACEAE
Pylaisiadelpha Card. ..... SEMATOPHYLLACEAE
Pylaisiella Kindb. ex Grout = *Pylaisia* ..... HYPNACEAE
Pylaisiobryum Broth. ..... ENTODONTACEAE
Pylaisiopsis Broth. ..... SEMATOPHYLLACEAE
Pyloecium Par. ≡ *Piloecium* ..... MYURIACEAE
Pyramidium Brid., nom. illeg. ≡ *Pyramidula* ..... FUNARIACEAE
Pyramidula Brid. ..... FUNARIACEAE
Pyramitrium Mitt. = *Encalypta* ..... ENCALYPTACEAE
Pyromitrium (Hampe) Wallr. ex Hampe = *Encalypta* ..... ENCALYPTACEAE
Pyrrhobryum Mitt. = *Rhizogonium* ..... RHIZOGONIACEAE

Racelopodopsis Thér. ..... POLYTRICHACEAE
Racelopus Dozy & Molk. ..... POLYTRICHACEAE
Racocarpus Kindb., orthogr. var. *Rhacocarpus* ..... HEDWIGIACEAE
Racomitrium Brid. ..... GRIMMIACEAE
Racopilum P. Beauv. ..... RACOPILACEAE
Raineria De Not. = *Tayloria* ..... SPLACHNACEAE
Raphidostegium (B.S.G.) Besch., orthogr. var. Rhaphidostegium ≡ *Sematophyllum* ..... SEMATOPHYLLACEAE
Ratthynidium Wijk, Marg. & Florsch., orthogr. var. *Platyhypnidium* ..... AMBLYSTEGIACEAE
Ratyhypnidium Bruehl, orthogr. var. *Platyhypnidium* . AMBLYSTEGIACEAE
Raua I. Hag., orthogr. var. Rauia ≡ *Rauiella* ..... THUIDIACEAE
Rauia Aust., hom. illeg. ≡ *Rauiella* ..... THUIDIACEAE
Rauiella Reim. ..... THUIDIACEAE
Rechingerella J. Fröhl. = *Weissia* ..... POTTIACEAE

Regmatodon Brid. ..... REGMATODONTACEAE (Leskeaceae)
Rehmanniella C. Müll. = *Goniomitrium* ..... FUNARIACEAE
Reimersia Chen ..... POTTIACEAE
Remyella C. Müll. = *Rhynchostegiella* ..... BRACHYTHECIACEAE
Renauldia C. Müll. in Ren. ..... PTEROBRYACEAE
Retidens Dix. ..... ENTODONTACEAE
Rhabdodontium Broth. ..... PTEROBRYACEAE
Rhabdoweisia B.S.G. ..... RHABDOWEISIACEAE (Dicranaceae)
Rhabdoweisiella Williams ..... RHABDOWEISIACEAE (Dicranaceae)
Rhabdoweissia Mont., orthogr. var. *Rhabdoweisia* .... RHABDOWEISIACEAE
Rhacelopodopsis Broth., orthogr. var. *Racelopodopsis* ..... POLYTRICHACEAE
Rhacelopus Sande Lac., orthogr. var. *Racelopus* ..... POLYTRICHACEAE
Rhachitheciopsis P. de la Varde = *Rhachithecium* .... RHACHITHECIACEAE
Rhachithecium Broth. ex Le Jol. ..... RHACHITHECIACEAE (Orthotrichaceae)
Rhacocarpus Lindb. ..... HEDWIGIACEAE
Rhacomitrium Brid., orthogr. var. *Racomitrium* ..... GRIMMIACEAE
Rhacopilopsis Ren. & Card. ..... HYPNACEAE
Rhacopilum Mitt., orthogr. var. *Racopilum* ..... RACOPILACEAE
Rhamphidium Mitt. ..... POTTIACEAE
Rhaphidorrhynchium Fleisch. = *Pungentella* ..... SEMATOPHYLLACEAE
Rhapidostegium (B.S.G.) De Not., nom. illeg. ≡ *Sematophyllum* ..... SEMATOPHYLLACEAE
Rhapidostichum Fleisch. ..... SEMATOPHYLLACEAE
Rhegmatodon Reichenb., orthogr. var. *Regmatodon* ... REGMATODONTACEAE
Rhexophyllum Herz. ..... POTTIACEAE
Rhincostegium Anzi, orthogr. var. *Rhynchostegium* ... BRACHYTHECIACEAE
Rhizofabronia (Broth.) Fleisch. ..... FABRONIACEAE
Rhizogonium Brid. ..... RHIZOGONIACEAE
Rhizohypnella Fleisch. ..... HYPNACEAE
Rhizohypnum (Hampe) Herz. = *Mittenothamnium* ... HYPNACEAE
Rhizomnium (Broth.) T. Kop. ..... MNIACEAE
Rhizonium Endl., orthogr. var. *Rhizogonium* ..... RHIZOGONIACEAE
Rhizopelma C. Müll. ≡ *Rhizogonium* ..... RHIZOGONIACEAE
Rhodobryum Hampe ..... BRYACEAE
Rhynchocarpidium P. de la Varde & Leroy = *Schimperella* ..... BRACHYTHECIACEAE
Rhyncho-hypnum (Hampe) Hampe = *Rhynchostegium* ..... BRACHYTHECIACEAE
Rhynchostegiella (B.S.G.) Limpr. ..... BRACHYTHECIACEAE
Rhynchostegiopsis C. Müll. ..... HOOKERIACEAE
Rhynchostegium B.S.G. ..... BRACHYTHECIACEAE
Rhystophyllum Ehrh. ex Britt. ≡ *Neckera* ..... NECKERACEAE
Rhytidiadelphus (Limpr.) Warnst. ..... RHYTIDIACEAE
Rhytidiopsis Broth. ..... RHYTIDIACEAE
Rhytidium (Sull.) Kindb. ..... RHYTIDIACEAE
Rigodiadelphus Dix. ..... LESKEACEAE
Rigodiopsis Dix. & Thér. = *Okamuraea* ..... RHYTIDIACEAE
Rigodium Kunze ex Schwaegr. ..... LEMBOPHYLLACEAE

Roellia Kindb. ..... BRYACEAE (Mniaceae)
Rotteria Wijk, Marg. & Florsch., orthogr. var. Rottleria ≡ *Hyophila* ..... POTTIACEAE
Rottleria Brid., hom. illeg. ≡ *Hyophila* ..... POTTIACEAE
Rozea Besch. ..... HYPNACEAE (Entodontaceae)
Rutenbergia Geh. & Hampe in Besch. ..... RUTENBERGIACEAE

Saelania Lindb. ..... DITRICHACEAE
Sainsburia Dix. = *Fissidens* ..... FISSIDENTACEAE
Sakuraia Broth. = *Entodon* ..... ENTODONTACEAE
Sanioa Fleisch., orthogr. var. Sanionia = *Drepanocladus* ..... AMBLYSTEGIACEAE
Sanionia Loeske = *Drepanocladus* ..... AMBLYSTEGIACEAE
Saproma Brid., nom. illeg. = *Bruchia* ..... DICRANACEAE
Sarconeurum Bryhn ..... POTTIACEAE
Sasaokaea Broth. = *Drepanocladus* ..... AMBLYSTEGIACEAE
Sauloma (Hook. f. & Wils.) Mitt. ..... HOOKERIACEAE
Saviczia A. Abr. & I. Abr. = *Plagiothecium* ..... PLAGIOTHECIACEAE
Scabridens Bartr. ..... LEUCODONTACEAE
Schimperella Thér. ..... BRACHYTHECIACEAE
Schimperobryum Marg. ..... HOOKERIACEAE
Schisthymenium Harv. in Saut., orthogr. var. Schizymenium = *Mielichhoferia* ..... BRYACEAE
Schistidium Brid. ..... GRIMMIACEAE
Schistomitrium Dozy & Molk. ..... DICRANACEAE (Leucobryaceae)
Schistophyllum Lindb., nom. illeg. ≡ *Fissidens* ..... FISSIDENTACEAE
Schistostega Mohr ..... SCHISTOSTEGACEAE
Schistotega Dum., orthogr. var. *Schistostega* ..... SCHISTOSTEGACEAE
Schizhymenium C. Müll., orthogr. var. Schizymenium = *Mielichhoferia* ..... BRYACEAE
Schizodon Sw., nom. illeg. ≡ *Schlotheimia* ..... ORTHOTRICHACEAE
Schizomitrium B.S.G. ..... HOOKERIACEAE
Schizymenium Harv. in Hook. = *Mielichhoferia* ..... BRYACEAE
Schleitemia Dism., orthogr. var. *Schlotheimia* ..... ORTHOTRICHACEAE
Schliephackea C. Müll. ..... DICRANACEAE
Schlotheimia Brid. ..... ORTHOTRICHACEAE
Schoenobryum Dozy & Molk. ..... CRYPHAEACEAE
Schraderella C. Müll. ..... SEMATOPHYLLACEAE
Schraderobryum Fleisch. ..... SEMATOPHYLLACEAE
Schroeterella Herz. ..... SEMATOPHYLLACEAE
Schwetschkea C. Müll. ..... FABRONIACEAE
Schwetschkeopsis Broth. ..... FABRONIACEAE
Schyzimenium Harv., orthogr. var. Schizymenium = *Mielichhoferia* ..... BRYACEAE
Sciadocladus Lindb. ex Broth. = *Hypnodendron* ..... HYPNODENDRACEAE
Sciaromiopsis Broth. ..... AMBLYSTEGIACEAE
Sciaromium (Mitt.) Mitt. ..... AMBLYSTEGIACEAE
Sciuro-hypnum (Hampe) Hampe = *Brachythecium* ... BRACHYTHECIACEAE
Sciuroleskea Hampe ex Broth. ..... BRACHYTHECIACEAE
Sclerodontium Schwaegr. ..... DICRANACEAE

Sclerohypnum Dix. ..... FONTINALACEAE
Scleromnium Jur. = *Echinodium* ..... ECHINODIACEAE
Scleropodium B.S.G. ..... BRACHYTHECIACEAE
Scopelophila (Mitt.) Lindb. ..... POTTIACEAE
Scorpidium (Schimp.) Limpr. ..... AMBLYSTEGIACEAE
Scorpiurium Schimp. ..... BRACHYTHECIACEAE
Scorpiurus Le Jol., orthogr. var. *Scorpiurium* ..... BRACHYTHECIACEAE
Scoulera Hag., orthogr. var. *Scouleria* ..... GRIMMIACEAE
Scouleria Hook. in Drumm. ..... GRIMMIACEAE
Scytalina Hag., nom. illeg. ≡ *Orthodicranum* ..... DICRANACEAE
Sebillea Biz. ..... POTTIACEAE
Sekra Adans. ex Lindb., nom. illeg. ≡ *Cinclidotus* .... POTTIACEAE
Seligera Schur., orthogr. var. *Seligeria* ..... SELIGERIACEAE
Seligeria B.S.G. ..... SELIGERIACEAE
Sematophyllum Mitt. ..... SEMATOPHYLLACEAE
Semibarbula Herz. ex Hilp. ..... POTTIACEAE
Serpoleskea (Limpr.) Loeske ≡ *Platydictya* ..... AMBLYSTEGIACEAE
Serpotortella Dix. ..... POTTIACEAE
Sharpiella Iwats. = *Herzogiella* ..... HYPNACEAE
Sigmatella (C. Müll.) C. Müll., hom. illeg. = *Taxithelium* ..... SEMATOPHYLLACEAE
Simophyllum Lindb., nom. illeg. ≡ *Weissia* ..... POTTIACEAE
Simplicidens Herz. = *Fissidens* ..... FISSIDENTACEAE
Sinocalliergon Sak. ..... AMBLYSTEGIACEAE
Skisophyllum Wijk, Marg. & Florsch., orthogr. var. Skitophyllum ≡ *Fissidens* ..... FISSIDENTACEAE
Skitophyllum B. Pyl., nom. illeg. ≡ *Fissidens* ..... FISSIDENTACEAE
Skottsbergia Card. ..... DITRICHACEAE
Skytophyllum Wittst., orthogr. var. Skitophyllum ≡ *Fissidens* ..... FISSIDENTACEAE
Solmsia Hampe, hom. illeg. = *Braunfelsia* ..... DICRANACEAE
Solmsiella C. Müll. = *Erpodium* ..... ERPODIACEAE
Sorapilla Spruce ex Mitt. ..... SORAPILLACEAE
Sphaerangium Schimp., nom. illeg. ≡ *Astomum* ..... POTTIACEAE
Sphaerocephalus Neck. ex Lindb. ≡ *Aulacomnium* .... AULACOMNIACEAE
Sphaerotheciella Fleisch. ..... CRYPHAEACEAE
Sphaerothecium Hampe ..... DICRANACEAE
Sphagnum L. ..... SPHAGNACEAE
Spiridens Nees ..... SPIRIDENTACEAE
Spiridentopsis Broth. ..... PTEROBRYACEAE
Spirula Dozy & Molk. = *Cladopodanthus* ..... DICRANACEAE
Splachnobryum C. Müll. ..... POTTIACEAE (Splachnaceae)
Splachnum Hedw. ..... SPLACHNACEAE
Sporledera Hampe (Ditrichaceae) = *Bruchia* ..... DICRANACEAE
Sprucea Hook. f. & Wils., nom. illeg. ≡ *Holomitrium* ..... DICRANACEAE
Spruceella C. Müll., hom. illeg. ..... POTTIACEAE
Squamidium (C. Müll.) Broth. ..... METEORIACEAE
Stablera Hag., orthogr. var. Stableria = *Orthodontium* ..... BRYACEAE
Stableria Lindb. ex Braithw. = *Orthodontium* ..... BRYACEAE
Steereobryon G. L. Sm. ..... POLYTRICHACEAE
Stegonia Vent. ..... POTTIACEAE

Stenocarpidiopsis Fleisch. ex Broth. ..... PLAGIOTHECIACEAE
Stenocarpidium C. Müll. ..... PLAGIOTHECIACEAE
Stenodesmus (Mitt.) Jaeg. ..... DALTONIACEAE (Hookeriaceae)
Stenodictyon (Mitt.) Jaeg. ..... HOOKERIACEAE
Stenodyction Fleisch., orthogr. var. *Stenodictyon* ..... HOOKERIACEAE
Stenomitrium (Mitt.) Broth. ..... ORTHOTRICHACEAE
Stenotheciopsis Fleisch. ..... HYLOCOMIACEAE
Stephanodictyon Dix. ..... POTTIACEAE
Stephanostoma (Mitt.) Kindb. = *Erpodium* ..... ERPODIACEAE
Steppomitra Vond. & Hadač ..... FUNARIACEAE
Stereodon Mitt., nom. illeg. ≡ *Hypnum* ..... HYPNACEAE
Stereodontopsis Williams ..... HYPNACEAE
Stereohypnum (Hampe) Fleisch. ≡ *Mittenothamnium* ..... HYPNACEAE
Stereophyllum Mitt. ..... PLAGIOTHECIACEAE
Steyermarkiella Robins. ..... DICRANACEAE
Stigmatella Reed & Robins., orthogr. var. Sigmatella = *Taxithelium* ..... SEMATOPHYLLACEAE
Stirtonia R. Br. ter. = *Trematodon* ..... DICRANACEAE
Stokesiella (Kindb.) Robins. ..... BRACHYTHECIACEAE
Streblopilum Ångstr. = *Brachythecium* ..... BRACHYTHECIACEAE
Streblotrichum P. Beauv. ..... POTTIACEAE
Streptocalypta C. Müll. ..... POTTIACEAE
Streptocarpus Poech in Keil., hom. illeg. = *Encalypta* ..... ENCALYPTACEAE
Streptopogon Wils. in Mitt. ..... POTTIACEAE
Streptotrichum Herz. ..... POTTIACEAE
Striptopogon Hampe, orthogr. var. *Streptopogon* ..... POTTIACEAE
Stroemia I. Hag., hom. illeg. = *Orthotrichum* ..... ORTHOTRICHACEAE
Struckia C. Müll. ..... SEMATOPHYLLACEAE
Stylostegium B.S.G. ..... SELIGERIACEAE
Swartzia Brid., hom. illeg. = p.p. *Distichium* ..... DITRICHACEAE
Symblepharis Mont. ..... DICRANACEAE
Symphyodon Mont. ..... DALTONIACEAE (Symphyodontaceae)
Symphysodon Dozy & Molk. ..... PTEROBRYACEAE
Symphysodontella Fleisch. ..... PTEROBRYACEAE
Sympoma Aust. = *Micromitrium* ..... EPHEMERACEAE
Synodontella Dix. & Thér. = *Entodon* ..... ENTODONTACEAE
Synodontia (Besch.) Broth. ..... DICNEMONACEAE
Synthetodontium Card. ..... BRYACEAE
Syntrichia Brid. = *Tortula* ..... POTTIACEAE
Syrigothecium Mitt., orthogr. var. *Syringothecium* ..... SEMATOPHYLLACEAE
Syringothecium Mitt. ..... SEMATOPHYLLACEAE
Syrrhopodon Schwaegr. ..... CALYMPERACEAE
Systegium Schimp., nom. illeg. ≡ *Astomum* ..... POTTIACEAE
Systilium Hook., orthogr. var. Systylium = *Tayloria* .. SPLACHNACEAE
Systylium Hornsch. = *Tayloria* ..... SPLACHNACEAE

Taiwanobryum Nog. ..... PRIONODONTACEAE
Tamariscella (C. Müll.) C. Müll. ≡ *Thuidium* ..... THUIDIACEAE
Taxicaulis (C. Müll.) C. Müll. = ?*Isopterygium* ..... HYPNACEAE

Taxiphyllum Fleisch. ..... HYPNACEAE
Taxitheliella Dix. ..... FABRONIACEAE
Taxithelium Spruce ex Mitt. ..... SEMATOPHYLLACEAE
Tayloria Hook. ..... SPLACHNACEAE
Teichodontium C. Müll. = *Macromitrium* ..... ORTHOTRICHACEAE
Teniolophora Reese ..... POTTIACEAE
Teretidens Williams = *Wilsoniella* ..... DICRANACEAE
Tetracladium (Mitt.) Broth., hom. illeg. ≡
Bryonoguchia ..... THUIDIACEAE
Tetracoscinodon R. Br. ter. = *Eucladium* ..... POTTIACEAE
Tetradontium Ångstr., orthogr. var. Tetrodontium =
Tetraphis ..... TETRAPHIDACEAE
Tetraphidopsis Broth. & Dix. ..... PTYCHOMNIACEAE
Tetraphis Hedw. ..... TETRAPHIDACEAE
Tetraplodon B.S.G. ..... SPLACHNACEAE
Tetrapterum Hampe ex Jaeg. ..... POTTIACEAE
Tetrastichium (Mitt.) Card. ..... HOOKERIACEAE
Tetrastichium (Broth.) Fleisch., hom. illeg. ≡
Bryonoguchia ..... THUIDIACEAE
Tetrodontium Schwaegr. = *Tetraphis* ..... TETRAPHIDACEAE
Thamniella Besch. = *Camptochaete* ..... LEMBOPHYLLACEAE
Thamniopsis (Mitt.) Fleisch. ..... HOOKERIACEAE
Thamnium B.S.G., hom. illeg. ≡ *Thamnobryum* ..... NECKERACEAE
Thamnobryum Nieuwl. ..... NECKERACEAE
Thedenia B.S.G., hom. illeg. = *Pylaisia* ..... HYPNACEAE
Thelia Sull. in Sull. & Lesq. ..... THELIACEAE
Theriotia Card. ..... BUXBAUMIACEAE (Diphysciaceae)

Thesanomitrium Arnott, orthogr. var.
Thysanomitrion = *Campylopus* ..... DICRANACEAE
Thiemea C. Müll. ..... DICRANACEAE
Thuidiopsis (Broth.) Fleisch. = *Thuidium* ..... THUIDIACEAE
Thuidium B.S.G. ..... THUIDIACEAE
Thujidium C. Jens., orthogr. var. *Thuidium* ..... THUIDIACEAE
Thuyidium Lindb., orthogr. var. *Thuidium* ..... THUIDIACEAE
Thydium Mann, orthogr. var. *Thuidium* ..... THUIDIACEAE
Thyidium Lindb., orthogr. var. *Thuidium* ..... CALYMPERACEAE
Thyridium Mitt., hom. illeg. ≡ *Mitthyridium* ..... DICRANACEAE
Thysanomitrion Schwaegr. = *Camplyopus* ..... DICRANACEAE
Thysanomitriopsis C. Müll. = *Campylopus* ..... DICRANACEAE
Thysanomitrium Schwaegr., orthogr. var.
Thysanomitrion = *Campylopus* ..... ORTHOTRICHACEAE
Tichodontium Hag., orthogr. var. Teichodontium =
Macromitrium ..... TIMMIACEAE
Timmea Schur, orthogr. var. *Timmia* ..... TIMMIACEAE
Timmia Hedw., nom. cons. ..... POTTIACEAE
Timmiella (De Not.) Limpr. ..... POTTIACEAE
Tisserantiella P. de la Varde ..... BRACHYTHECIACEAE
Tomenthypnum Loeske, orthogr. var. *Tomentypnum* ..... BRACHYTHECIACEAE
Tomentypnum Loeske ..... POTTIACEAE
Tortella (Lindb.) Limpr., nom. cons. ..... POTTIACEAE
Tortula Hedw., nom. cons. ..... BRACHYTHECIACEAE
Trachybryum (Broth.) Schof. .....

Trachycarpidium Broth. ..... POTTIACEAE
Trachycystis Lindb. ..... MNIACEAE
Trachyloma Brid. ..... PTEROBRYACEAE
Trachymitrium Brid. = *Syrrhopodon* ..... CALYMPERACEAE
Trachynotus (C. Müll.) Card. in Fleisch. =
Exodictyon ..... CALYMPERACEAE
Trachyphyllum Gepp in Hiern ..... ENTODONTACEAE
Trachypodopsis Fleisch. ..... TRACHYPODACEAE
Trachypus Reinw. & Hornsch. ..... TRACHYPODACEAE
Trachythecium Fleisch. ..... HYPNACEAE
Trematodon P. Beauv., orthogr. var. *Trematodon* ... DICRANACEAE
Trematodon Michx. ..... DICRANACEAE
Trentepohlia A. Roth, nom. rejic. = *Pohlia* ..... BRYACEAE
Trichodon Schimp. ..... DITRICHACEAE
Tricholepis Kindb., nom. rejic. = *Papillaria* ..... METEORIACEAE
Trichopilum Schimp. ex C. Müll. = *Pogonatum* ..... POLYTRICHACEAE
Trichosteleum Mitt. ..... SEMATOPHYLLACEAE
Trichostomopsis Card. ..... POTTIACEAE
Trichostomum Bruch, nom. cons. ..... POTTIACEAE
Trichostomum Hedw., nom. rejic. ..... POTTIACEAE
Tridontium Hook. f. in Hook. ..... POTTIACEAE
Trigonodictyon Dix. & P. de la Varde ..... ORTHOTRICHACEAE
Triodontium I. Hag., orthogr. var. *Tridontium* ..... POTTIACEAE
Triplocoma B. Pyl., nom. illeg. ≡ *Dawsonia* ..... POLYTRICHACEAE
Tripterocladium (C. Müll.) Jaeg. ..... LEMBOPHYLLACEAE
Triquetrella C. Müll. ..... POTTIACEAE
Trismegistia (C. Müll.) C. Müll. ..... SEMATOPHYLLACEAE
Tristichella Dix. ..... SEMATOPHYLLACEAE
Tristichiopsis C. Müll. = *Tristichium* ..... DITRICHACEAE
Tristichium C. Müll. ..... DITRICHACEAE
Trochobryum Breidl. & Beck ..... SELIGERIACEAE
Trolliella Herz. ..... SEMATOPHYLLACEAE
Tuerckheimia Broth. ..... POTTIACEAE
Tutigaea Ando = *Hondaella* ..... HYPNACEAE

Ulea C. Müll., hom. illeg. ..... POTTIACEAE
Uleobryum Broth. ..... POTTIACEAE
Uleopsis Thér. ..... POTTIACEAE
Ulota Mohr ..... ORTHOTRICHACEAE
Usmania Laz. = *Grimmia* ..... GRIMMIACEAE

Valdiviella Thér. & Herz. in Herz. ..... DICRANACEAE
Vebera Kindb., orthogr. var. Webera Hedw. =
Pohlia ..... BRYACEAE
Venturiella C. Müll. ..... ERPODIACEAE
Verrucidens Card. ..... SELIGERIACEAE
Vesicularia (C. Müll.) C. Müll. ..... HYPNACEAE
Vesiculariopsis Broth. ..... HOOKERIACEAE
(Leucomiaceae)
Viridivellus Stone ..... VIRIDIVELLERACEAE
Voitia Hornsch. ..... SPLACHNACEAE

Walkeria Hornsch., nom. rejic. = *Leucoloma* ..... DICRANACEAE
Warburgiella C. Müll. in Broth. ..... SEMATOPHYLLACEAE
Wardia Harv. & Hook. ..... WARDIACEAE (Fontinalaceae)
Warnstorfia Loeske = *Drepanocladus* ..... AMBLYSTEGIACEAE
Webera Hedw., hom. illeg. = *Pohlia* ..... BRYACEAE
Webera Ehrh. ex Lindb., hom. illeg. ≡ *Diphyscium* .. BUXBAUMIACEAE
Weberus Krause, nom. illeg. = *Pohlia* ..... BRYACEAE
Weisia Spreng., orthogr. var. *Weissia* Hedw. ..... POTTIACEAE
Weisiodon Schimp., nom. rejic. = *Gyroweisia* ..... POTTIACEAE
Weisiopsis Broth. ..... POTTIACEAE
Weissia Hedw. ..... POTTIACEAE
Weissia Ehrh. ex Gaertn., hom. illeg. = *Ulota* ..... ORTHOTRICHACEAE
Werneriobryum Herz. ..... DICNEMONACEAE
Weymouthia Broth. ..... METEORIACEAE
Wijkia Crum ..... SEMATOPHYLLACEAE
Wildia C. Müll. & Broth. ..... ERPODIACEAE
Willia C. Müll. in Neum. ..... POTTIACEAE
Williamsia Broth., hom. illeg. = *Leptodontium* ..... POTTIACEAE
Williamsiella Britt. = *Leptodontium* ..... POTTIACEAE
Wilsoniella C. Müll. ..... DICRANACEAE
Wollnya Herz. = *Leptobryum* ..... BRYACEAE

Zelometeorium Manuel ..... METEORIACEAE
Zieria Schimp., hom. illeg. = *Plagiobryum* ..... BRYACEAE
Zygodon Hook. & Tayl. ..... ORTHOTRICHACEAE
Zygotrichia Brid. = *Desmatodon* ..... POTTIACEAE

Systematic Arrangement of the Families of Mosses

1 Sphagnaceae Dum.
2 Andreaeaceae Dum.
2A Andreaeobryaceae Steere & B. Murr.
3 Fissidentaceae Schimp.
3A Nanobryaceae Schultze-Mot.
4 Archidiaceae Schimp.
5 Ditrichaceae Limpr., nom. cons. prop.
5A Viridivelleraceae Stone
6 Bryoxiphiaceae Besch., nom. cons.
7 Seligeriaceae Schimp.
8 Dicranaceae Schimp.
9 Dicnemonaceae Broth.
10 Pleurophascaceae Broth.
11 Leucobryaceae Schimp.
12 Calymperaceae Kindb.
13 Encalyptaceae Schimp.
14 Pottiaceae Schimp., nom. cons. prop.
14A Bryobartramiaceae Sainsb.
15 Grimmiaceae Arnott
16 Gigaspermaceae Broth.
17 Disceliaceae Schimp.
18 Ephemeraceae Schimp.
19 Funariaceae Schwaegr.
19A Pseudoditrichaceae Steere & Iwats.[1]
20 Oedipodiaceae Schimp.
21 Splachnaceae Grev. & Arnott
22 Schistostegaceae Schimp.
23 Tetraphidaceae Schimp.
24 Bryaceae Schwaegr.
25 Leptostomataceae Schwaegr.
26 Mniaceae Schwaegr.
27 Phyllodrepaniaceae Crosby
28 Eustichiaceae Broth., nom. cons.
29 Sorapillaceae Fleisch.
30 Mitteniaceae Broth.
31 Calomniaceae Kindb.
32 Rhizogoniaceae Broth.
33 Hypnodendraceae Broth.
34 Aulacomniaceae Schimp.
35 Meesiaceae Schimp.
36 Catoscopiaceae Broth.
37 Bartramiaceae Schwaegr.
38 Spridentaceae Kindb.
39 Timmiaceae Schimp.
40 Erpodiaceae Broth.
40A Rhachitheciaceae Robins.
40B Microtheciellaceae Mill. & Harr.
41 Ptychomitriaceae Schimp.
42 Orthotrichaceae Arnott
42A Rhabdoweisiaceae Limpr.
43 Helicophyllaceae Broth.
44 Racopilaceae Kindb.
45 Fontinalaceae Schimp.
45A Wardiaceae Welch[2]
45B Hydropogonaceae Welch[2]
46 Climaciaceae Kindb.
46A Pleuroziopsaceae Irel.[3]
47 Hedwigiaceae Schimp.
48 Cryphaeaceae Schimp.
49 Leucodontaceae Schimp.
50 Cyrtopodaceae Fleisch.
51 Ptychomniaceae Fleisch.
52 Lepyrodontaceae Broth.
53 Prionodontaceae Broth.
54 Rutenbergiaceae (Broth.) Fleisch.
55 Trachypodaceae Fleisch.
56 Myuriaceae Fleisch.
57 Pterobryaceae Kindb.
58 Meteoriaceae Kindb.
59 Phyllogoniaceae Kindb.
60 Neckeraceae Schimp.
60A Thamniaceae Mönk., nom. illeg.
60B Daltoniaceae Schimp.[4]
61 Lembophyllaceae Broth.
62 Echinodiaceae Broth.
63 Ephemeropsaceae Schultze-Mot.
64 Pilotrichaceae Kindb.
65 Hookeriaceae Schimp.
65A Distichophyllaceae Mill.
66 Symphyodontaceae Fleisch.
67 Leucomiaceae Broth.
68 Hypopterygiaceae Mitt.
68A Cyathophoraceae Kindb.
69 Theliaceae (Broth.) Fleisch.
70 Fabroniaceae Schimp.
71 Leskeaceae Schimp.
71A Regmatodontaceae Broth.
72 Thuidiaceae Schimp.
72A Cratoneuraceae Mönk.
73 Amblystegiaceae (Broth.) Fleisch.
74 Brachytheciaceae Schimp.
75 Entodontaceae Kindb., nom. cons. pro
76 Plagiotheciaceae (Broth.) Fleisch.
77 Sematophyllaceae Broth., nom. cons.
78 Hypnaceae Schimp.
79 Rhytidiaceae Broth.
80 Hylocomiaceae (Broth.) Fleisch.
81 Buxbaumiaceae Schwaegr.
82 Diphysciaceae Fleisch.
83 Polytrichaceae Schwaegr.
84 Dawsoniaceae Broth.

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[1] Steere and Iwatsuki (1974) did not indicate the relationships of this family when originally proposing it. We have placed it near Funariaceae on the basis of their statement that the peristome is "perhaps at the evolutionary level of the Funariaceae."

[2] Welch (1943) did not indicate the relationships of these families when she segregated them from Fontinalaceae, and we have placed them here for convenience. Robinson (1971) placed the former near Hedwigiaceae and the latter at the end of his classification.

[3] Ireland (1968) did not indicate the relationships of this family when he segregated it from Climaciaceae. Robinson (1971) placed it after Climaciaceae.

[4] Discussed by Crosby (1974), but their relationships were not indicated; we place it here on basis of the peristome.

Amblystegiaceae, 73
Andreaeaceae, 2
Andreaeobryaceae, 2A
Archidiaceae, 4
Aulacomniaceae, 34
Bartramiaceae, 37
Brachytheciaceae, 74
Bryaceae, 24
Bryobartramiaceae, 14A
Bryoxiphiaceae, 6
Buxbaumiaceae, 81
Calomniaceae, 31
Calymperaceae, 12
Catoscopiaceae, 36
Climaciaceae, 46
Cratoneuraceae, 72A
Cryphaeaceae, 48
Cyathophoraceae, 68A
Cyrtopodaceae, 50
Daltoniaceae, 60B
Dawsoniaceae, 84
Dicnemonaceae, 9
Dicranaceae, 8
Diphysciaceae, 82
Disceliaceae, 17
Distichophyllaceae, 65A
Ditrichaceae, 5
Echinodiaceae, 62
Encalyptaceae, 13
Entodontaceae, 75
Ephemeraceae, 18
Ephemeropsaceae, 63
Erpodiaceae, 40
Eustichiaceae, 28
Fabroniaceae, 70
Fissidentaceae, 3
Fontinalaceae, 45
Funariaceae, 19
Gigaspermaceae, 16
Grimmiaceae, 15
Hedwigiaceae, 47
Helicophyllaceae, 43
Hookeriaceae, 65
Hydropogonaceae, 45B
Hylocomiaceae, 80
Hypnaceae, 78
Hypnodendraceae, 33
Hypopterygiaceae, 68
Lembophyllaceae, 61
Leptostomataceae, 25
Lepyrodontaceae, 52
Leskeaceae, 71
Leucobryaceae, 11
Leucodontaceae, 49
Leucomiaceae, 67
Meesiaceae, 35
Meteoriaceae, 58
Microtheciellaceae, 40B
Mitteniaceae, 30
Mniaceae, 26
Myuriaceae, 56
Nanobryaceae, 3A
Neckeraceae, 60
Oedipodiaceae, 20
Orthotrichaceae, 42
Phyllodrepaniaceae, 27
Phyllogoniaceae, 59
Pilotrichaceae, 64
Plagiotheciaceae, 76
Pleurophascaceae, 10
Pleuroziopsaceae, 46A
Polytrichaceae, 83
Pottiaceae, 14
Prionodontaceae, 53
Pseudoditrichaceae, 19A
Pterobryaceae, 57
Ptychomitriaceae, 41
Ptychomniaceae, 51
Racopilaceae, 44
Regmatodontaceae, 71A
Rhabdoweisiaceae, 42A
Rhachitheciaceae, 40A
Rhizogoniaceae, 32
Rhytidiaceae, 79
Rutenbergiaceae, 54
Schistostegaceae, 22
Seligeriaceae, 7
Sematophyllaceae, 77
Sorapillaceae, 29
Sphagnaceae, 1
Spiridentaceae, 38
Splachnaceae, 21
Symphyodontaceae, 66
Tetraphidaceae, 23
Thamniaceae, 60A
Theliaceae, 69
Thuidiaceae, 72
Timmiaceae, 39
Trachypodaceae, 55
Viridivelleraceae, 5A
Wardiaceae, 45A

Amblyodontaceae Schimp., Syn. Musc. Eur., ed. 2. CII, 495. 1876, "Amblyodonteae." Type: *Amblyodon* B.S.G., nom. cons. = MEESIACEAE.

AMBLYSTEGIACEAE G. Roth, Hedwigia 38: (6). 1899. Type: *Amblystegium* B.S.G.

ANDREAEACEAE Dum., Anal. Fam. Pl. 68. 1829. Type: *Andreaea* Hedw.

ANDREAEOBRYACEAE Steere in Steere & B. Murr., Phytologia 33: 410. 1976. Type: *Andreaeobryum* Steere & B. Murr.

Anoectangiaceae Schimp., Coroll. Bryol. Eur. 11. 1855 [1856]. Type: *Anoectangium* Schwaegr., nom. cons. = POTTIACEAE.

Anomodontaceae Kindb., Gen. Eur. Northamer. Bry. 6. 1897. Type: *Anomodon* Hook. & Tayl. = THUIDIACEAE.

Aongstroemiaceae De Not., Epil. Briol. Ital. 30. 1869, "Angstroemiacei." Type: *Aongstoremia* B.S.G. = DICRANACEAE.

ARCHIDIACEAE Schimp., Coroll. Bryol. Eur. 5. 1855 [1856]. Type: *Archidium* Brid.

Archifissidentaceae Dix. & P. de la Varde, Arch. Bot. Mém. 3: 23. 1927, nom. inval. Based on: *Nanobryum* Dix. = NANOBRYACEAE.

Astomataceae Schimp., Coroll. Bryol. Eur. 7. 1855 [1856], "Astomaceae." Type: *Astomum* Hampe = POTTIACEAE.

AULACOMNIACEAE Schimp., Syn. Musc. Eur. 411. 1860, "Aulacomnieae." Type: *Aulacomnium* Schwaegr., nom. cons.

BARTRAMIACEAE Schwaegr. in Willd., Sp. Pl., ed. 4. 5(2): 90. 1830, "Bartramiae." Type: *Bartramia* Hedw., nom. cons.

Blindiaceae Schimp., Syn. Musc. Eur. 117. 1860, "Blindieae." Type: *Blindia* B.S.G. = SELIGERIACEAE.

Brachyodontaceae Schimp., Syn. Musc. Eur. 116. 1860, nom. illeg., "Brachyodonteae." Type: *Brachyodus* Fürnr. ex Nees & Hornsch., nom. illeg. = SELIGERIACEAE.

BRACHYTHECIACEAE Schimp., Syn. Musc. Eur., ed. 2. XCV *sic* [CXV], 637. 1876, "Brachythecieae." Type: *Brachythecium* B.S.G.

Bruchiaceae Schimp., Coroll. Bryol. Eur. 6. 1855 [1856]. Type: *Bruchia* Schwaegr. = DICRANACEAE.

BRYACEAE Schwaegr. in Willd., Sp. Pl., ed. 4. 5(2): 47. 1830, "Bryi." Type: *Bryum* Hedw.

BRYOBARTRAMIACEAE Sainsb., Bryologist 51: 9. 1948. Type: *Bryobartramia* Sainsb.

BRYOXIPHIACEAE Besch., Jour. Bot. (Morot) 6: 183. 1892, nom. cons., "Bryoxiphieae." Type: *Bryoxiphium* Mitt., nom. cons.

BUXBAUMIACEAE Schwaegr. in Willd., Sp. Pl., ed. 4. 5(2): 23. 1830, "Buxbaumiae." Type: *Buxbaumia* Hedw.

CALOMNIACEAE Kindb., Bot. Centralbl. 77: 394. 1899. Type: *Calomnion* Hook. f. & Wils.

CALYMPERACEAE Kindb., Gen. Eur. Northamer. Bry. 11. 1897. Type: *Calymperes* Sw. in Web.

Camptotheciaceae Schimp., Syn. Musc. Eur., ed. 2. XCV, 635. 1876, "Camptothecieae." Type: *Camptothecium* B.S.G. = BRACHYTHECIACEAE.

Campylosteliaceae De Not., Epil. Briol. Ital. 31. 1869, "Campylosteliacei." Type: *Campylostelium* B.S.G. = PTYCHOMITRIACEAE.

CATOSCOPIACEAE Boul. ex Broth., Nat. Pflanzenfam. I(3):629. 1904. Type: *Catoscopium* Brid.

Ceratodontaceae Schimp., Syn. Musc. Eur. 138. 1860, nom. rejic. prop., "Ceratodonteae." Type: *Ceratodon* Brid. = DITRICHACEAE. [This name antedates the more frequently used Ditrichaceae Limpr. and was published simultaneously with Distichiaceae Schimp.]

Cinclidiaceae Kindb., Gen. Eur. Northamer. Bry. 12. 1897. Type: *Cinclidium* Sw. in Schrad. = MNIACEAE.

Cinclidotaceae Schimp., Syn. Musc. Eur. 193. 1860, "Cinclidoteae." Type: *Cinclidotus* P. Beauv. = POTTIACEAE.

CLIMACIACEAE Kindb., Gen. Eur. Northamer. Bry. 7. 1897. Type: *Climacium* Web. & Mohr. [Although Kindberg included the type of Isotheciaceae, *Isothecium* Brid., that family name is illegitimate, and Climaciaceae is legitimate and correct.]

Cratoneuraceae Mönk. in Rabenh., Kryptogamen-Fl. 4(Ergänzungsb.): 704. 1927. Type: *Cratoneuron* (Sull.) Spruce = AMBLYSTEGIACEAE.

CRYPHAEACEAE Schimp., Coroll. Bryol. Eur. 97. 1855 [1856]. Type: *Cryphaea* Mohr in Web.

Cryptotheciaceae Berk., Handb. Brit. Mosses 65. 1863, nom. inval., "Cryptothecii." Type: *Cryphaea* Mohr in Web. ≡ CRYPHAEACEAE. [Although the name *Cryptothecium*, for a fossil moss, antedates the publication of this name, it appears to be typified by *Cryphaea*, since this is the only genus Berkeley mentioned.]

Cyathophoraceae Kindb., Bot. Centralbl. 76: 85. 1898. Type: *Cyathophorum* P. Beauv. = DALTONIACEAE.

Cylindrotheciaceae Schimp., Syn. Musc. Eur. 510. 1860, nom. illeg., "Cylindrothecieae." Type: *Cylindrothecium* B.S.G., nom. illeg. = ENTODONTACEAE.

CYRTOPODACEAE Fleisch., Musci Fl. Buitenzorg 3: 655. 1908. Type: *Cyrtopus* (Brid.) Hook. f.

DALTONIACEAE Schimp., Syn. Musc. Eur. 478. 1860, "Daltonieae." Type: *Daltonia* Hook. & Tayl., nom. cons. prop.

Dawsoniaceae Broth., Nat. Pflanzenfam. I(3): 698. 1905. Type: *Dawsonia* R. Br. = POLYTRICHACEAE.

Dendroideaceae G. Roth, Hedwigia 38: (7). 1899, nom. inval. Based on *Dendro-Hypnum* Hampe, nom. inval. = HYPNODENDRACEAE.

Dichelymaceae Schimp., Syn. Musc. Eur. 458. 1860, "Dichelymeae." Type: *Dichelyma* Myr. = FONTINALACEAE.

DICNEMONACEAE Broth., Nat. Pflanzenfam., ed. 2. 10: 214. 1924. Type: *Dicnemon* Schwaegr.

DICRANACEAE Schimp., Coroll. Bryol. Eur. 11. 1855 [1856]. Type: *Dicranum* Hedw.

Diphysciaceae Fleisch. in Engl., Syllabus Pflanzenfam., ed. 8. 88. 1919. Type: *Diphyscium* Mohr = BUXBAUMIACEAE.

DISCELIACEAE Schimp., Coroll. Bryol. Eur. 59. 1855 [1856]. Type: *Discelium* Brid.

Distichiaceae Schimp., Syn. Musc. Eur. 135. 1860, nom. rejic. prop. "Distichieae." Type: *Distichium* B.S.G. = DITRICHACEAE. [This name antedates the more frequently used Ditrichaceae Limpr. and was published simultaneously with Ceratodontaceae Schimp.]

Distichophyllaceae Mill., Phytologia 21: 249. 1971. Type: *Distichophyllum* Dozy & Molk. = HOOKERIACEAE.

DITRICHACEAE Limpr. in Rabenh., Kryptogamen-Fl., ed. 2. 4: 482. 1887, nom. cons. prop. Type: *Ditrichum* Hampe. [When published, this commonly used name included the types of Ceratodontaceae Schimp. and Distichiaceae Schimp., both of which date from 1860.]

Drepanophyllaceae Mont. ex Berk., Handb. Brit. Mosses 156. 1863, nom. illeg., "Drepanophyllei." Type: *Drepanophyllum* Schwaegr., hom. illeg. = PHYLLODREPANIACEAE. [Although Berkeley treated only *Fissidens*, he attributed

the name to Montagne, whose use of it was invalid but who included *Drepanophyllum*.]

ECHINODIACEAE Broth., Nat. Pflanzenfam. I(3): 1216. 1909. Type: *Echinodium* Jur.

ENCALYPTACEAE Schimp., Coroll. Bryol. Eur. 38. 1855 [1856]. Type: *Encalypta* Hedw.

Endotrichaceae Kindb., Gen. Eur. Northamer. Bry. 6. 1897, nom. illeg. Type: *Endotrichum* Dozy & Molk., hom. illeg. = PTEROBRYACEAE.

ENTODONTACEAE Kindb., Gen. Eur. Northamer. Bry. 7. 1897, nom. cons. prop. Type: *Entodon* C. Müll.

EPHEMERACEAE Schimp., Coroll. Bryol. Eur. 3. 1855 [1856], "Ephemereae." Type: *Ephemerum* Hampe, nom. cons.

Ephemerellaceae Schimp., Syn. Musc. Eur., ed. 2. LXXXIV, 9. 1876, "Ephemerelleae." Type: *Ephemerella* C. Müll. = EPHEMERACEAE.

Ephemeropsaceae Schultze-Mot., Taxon 19: 251. 1970, "Ephemeropsidaceae." Type: *Ephemeropsis* Goeb. = HOOKERIACEAE. [Published as a replacement for Nemataceae, nom. inval.]

ERPODIACEAE Broth., Nat. Pflanzenfam. I(3): 706. 1905. Type: *Erpodium* (Brid.) Brid.

Erpodiopsaceae C. Müll., Flora 73: 470. 1890, "Erpodiopsideae." Type: *Erpodiopsis* C. Müll. = POTTIACEAE.

EUSTICHIACEAE Broth., Nat. Pflanzenfam., ed. 2. 10: 420. 1924, nom. cons. Type: *Eustichia* (Brid.) Brid.

Eustichiaceae Schimp., Coroll. Bryol. Eur. 37. 1855 [1856], nom. rejic. Type: *Eustichium* B.S.G., nom. rejic. = BRYOXIPHIACEAE.

FABRONIACEAE Schimp., Coroll. Bryol. Eur. 102. 1855 [1856]. Type: *Fabronia* Raddi.

FISSIDENTACEAE Schimp., Coroll. Bryol. Eur. 20. 1855 [1856]. Type: *Fissidens* Hedw.

FONTINALACEAE Schimp., Coroll. Bryol. Eur. 96. 1855 [1856]. Type: *Fontinalis* Hedw.

FUNARIACEAE Schwaegr. in Willd., Sp. Pl., ed. 4. 5(2): 43. 1830, "Funariae." Type: *Funaria* Hedw.

Georgiaceae Kindb., Gen. Eur. Northamer. Bry. 9. 1897, nom. illeg. Type: *Georgia* C. Müll., nom. illeg. ≡ TETRAPHIDACEAE.

GIGASPERMACEAE Lindb., Övers. Förh. Kongl. Svenska Vetensk.-Akad. 1864: 592. 1865. Type: *Gigaspermum* Lindb.

GRIMMIACEAE Arnott, Disp. Méth. Mousses 19. 1825, "Grimmoideae." Type: *Grimmia* Hedw.

Habrodontaceae Schimp., Syn. Musc. Eur. 504. 1860, "Habrodonteae." Type: *Habrodon* Schimp. = FABRONIACEAE.

Harrisoniaceae C. Müll., Oesterr. Bot. Zeit. 47: 419. 1897, nom. illeg. Type: *Harrisonia* Spreng., hom. illeg. = HEDWIGIACEAE.

HEDWIGIACEAE Schimp., Coroll. Bryol. Eur. 52. 1855 [1856]. Type: *Hedwigia* P. Beauv., nom. cons.

HELICOPHYLLACEAE Broth., Nat. Pflanzenfam. I(3): 973. 1907. Type: *Helicophyllum* Brid.

Homaliaceae Schimp., Syn. Musc. Eur. CXLIV. 1860, "Homalieae." Type: *Homalia* (Brid.) B.S.G. = NECKERACEAE.

HOOKERIACEAE Schimp., Coroll. Bryol. Eur. 101. 1855 [1856]. Type: *Hookeria* J. E. Sm., nom. cons.

HYDROPOGONACEAE Welch, Bryologist 46: 31. 1943. Type: *Hydropogon* Brid.

HYLOCOMIACEAE (Broth.) Fleisch., Nova Guinea 12: 125. 1914.

Hypnaceae subfam. Hylocomioïdeae Broth., Nat. Pflanzenfam. I(3): 1044. 1908, "Hylocomieae." Type: *Hylocomium* B.S.G.

Hyophilaceae C. Müll., Linnaea 20: 68. 1847, nom. rejic. prop. Type: *Hyophila* Brid. = POTTIACEAE. [This name antedates the widely used Pottiaceae Schimp.]

HYPNACEAE Schimp., Coroll. Bryol. Eur. 113. 1855 [1856]. Type: *Hypnum* Hedw., nom. cons.

HYPNODENDRACEAE Broth., Nat. Pflanzenfam. I(3): 1166. 1909. Type: *Hypnodendron* (C. Müll.) Lindb. ex Mitt.

Hypno-leskeaceae Schimp., Coroll. Bryol. Eur. 111. 1855 [1856], nom. inval. = p.p. LESKEACEAE & p.p. THUIDIACEAE. [This family name is not based on a generic name.]

Hypopterygiaceae Mitt., Jour. Proc. Linn. Soc., Suppl. Bot. 1: 147. 1859. Type: *Hypopterygium* Brid. = HOOKERIACEAE.

Isotheciaceae Berk., Handb. Brit. Mosses 139. 1863, nom. illeg., "Isothecii." Based on: *Isothecium* Brid. [The types of Leskeaceae Schimp. and Leucodontaceae Schimp., both of which antedate this name, were included by Berkeley.]

LEMBOPHYLLACEAE Broth., Nat. Pflanzenfam. I(3): 863. 1906. Type: *Lembophyllum* Lindb.

Leptodontaceae Schimp., Coroll. Bryol. Eur. 98. 1855 [1856]. Type: *Leptodon* Mohr = NECKERACEAE.

Leptostomataceae Schwaegr. in Willd., Sp. Pl., ed. 4. 5(2): 85. 1830, "Leptostomi." Type: *Leptostomum* R. Br., nom. cons. = BRYACEAE.

Leptotrichaceae Schimp., Syn. Musc. Eur. XCI, 138. 1876, nom. illeg. Type: *Leptotrichum* Hampe ex C. Müll., nom. illeg. = DITRICHACEAE.

LEPYRODONTACEAE Broth., Nat. Pflanzenfam. I(3): 771. 1906. Type: *Lepyrodon* Hampe.

LESKEACEAE Schimp., Coroll. Bryol. Eur. 109. 1855 [1856]. Type: *Leskea* Hedw.

Leucobryaceae Schimp., Coroll. Bryol. Eur. 19. 1855 [1856]. Type: *Leucobryum* Hampe = DICRANACEAE.

LEUCODONTACEAE Schimp., Coroll. Bryol. Eur. 108. 1855 [1856]. Type: *Leucodon* Schwaegr.

Leucomiaceae Broth., Nat. Pflanzenfam. I(3): 1095. 1908. Type: *Leucomium* Mitt. = HYPNACEAE.

Leucophanaceae Fleisch., Musci Fl. Buitenzorg 1: 166. 1904. Type: *Leucophanes* Brid. = CALYMPERACEAE.

Lopidiaceae Rodw., Tasmanian Bryoph. 1: 10. 1914, nom. illeg., "Lophidiaceae." Based on: *Lopidium* Hook. f. & Wils. [The types of Racopilaceae Kindb. and Hypopterygiaceae Mitt., both of which antedate this name, were included by Rodway.]

Macrohymeniaceae Kiaer, Forhandl. Vidensk.-Selsk. Christiana 1882(24): 6. 1883, nom. rejic. prop., "Macrohymenieae." Type: *Macrohymenium* C. Müll. = SEMATOPHYLLACEAE. [*Macrohymenum* C. Müll (1847) is typified by *M. rufum* (Reinw. & Hornsch.) C. Müll., since the genus was monotypic when published. *Macrohymenium rufum* is generally treated as a species of *Acroporium* Mitt. (1868), but *Macrohymenium* has priority over *Acroporium*. Since *Acroporium* and *Sematophyllum* are placed in the same family, Macrohymeniaceae has priority over the better known Sematophyllaceae (1908).]

MEESIACEAE Schimp., Coroll. Bryol. Eur. 82. 1855 [1856]. Type: *Meesia* Hedw., nom. cons.

METEORIACEAE Kindb., Gen. Eur. Northamer. Bry. 7. 1897. Type: *Meteorium* (Brid.) Dozy & Molk.

Microthamniaceae Kindb., Bot. Centralbl. 77: 386. 1899, nom. illeg. Type: *Microthamnium* Mitt., hom. illeg. = HYPNACEAE.

Microtheciellaceae Mill. & Harr., Jour. Bryol. 9: 523. 1977. Type: *Microtheciella* Dix.

Mielichhoferiaceae Schimp., Coroll. Bryol. Eur. 62. 1855 [1856]. Type: *Mielichhoferia* Nees & Hornsch. = **Bryaceae**.

Mitteniaceae Broth., Nat. Pflanzenfam. I(3): 532. 1903. Type: *Mittenia* Lindb.

Mniaceae Schwaegr. in Willd., Sp. Pl., ed. 4. 5(2): 25. 1830, "Mnii." Type: *Mnium* Hedw., nom. cons.

Mniadelphaceae Kindb., Bot. Centralbl. 76: 86. 1898, nom. illeg. Type: *Mniadelphus* C. Müll., nom. illeg. = **Hookeriaceae**.

Myriniaceae Schimp., Syn. Musc. Eur., ed. 2. CXI, 589. 1876, "Myrinieae." Type: *Myrinia* Schimp., nom. cons. = **Fabroniaceae**.

Myuriaceae Fleisch., Musci Fl. Buitenzorg 4: 1663. 1923. Type: *Myurium* Schimp.

Nanobryaceae Schultze-Mot., Willdenowia 5: 386. 1969. Type: *Nanobryum* Dix. [Published as a replacement for Archifissidentaceae, nom. inval.]

Neckeraceae Schimp., Coroll. Bryol. Eur. 99. 1855 [1856]. Type: *Neckera* Hedw., nom. cons.

Nemataceae Broth., Nat. Pflanzenfam. I(3): 916. 1907, nom. inval., "Nematoceae." Type: *Ephemeropsis* Goeb. = **Hookeriaceae**. [Ephemeropsaceae has been published to replace Nemataceae.]

Oedipodiaceae Schimp., Syn. Musc. Eur., ed. 2. XCVIII, 354, "Oedipodieae." Type: *Oedipodium* Schwaegr.

Oreadaceae Berk., Handb. Brit. Mosses 168. 1863, "Oreadei." Type: *Oreas* Brid. = **Dicranaceae**.

Orthotheciaceae Schimp., Coroll. Bryol. Eur. 103. 1855 [1856], nom. rejic. prop. Type: *Orthothecium* B.S.G., nom. cons. = **Entodontaceae**. [This name antedates the more frequently used Entodontaceae.]

Orthotrichaceae Arnott, Disp. Méth. Mousses 13. 1825, "Orthotrichoideae." Type: *Orthotrichum* Hedw.

Paludellaceae De Not., Epil. Briol. Ital. 486. 1869, "Paludellacei." Type: *Paludella* Ehrh. ex Brid. = **Meesiaceae**.

Papillariaceae Kindb., Bot. Centralbl. 77: 386. 1899. Type: *Papillaria* (C. Müll.) C. Müll., nom. cons. = **Meteoriaceae**.

Phascaceae Schimp., Coroll. Bryol. Eur. 4. 1855 [1856]. Type: *Phascum* Hedw. = **Pottiaceae**. [This name was published simultaneously with the generally used Pottiaceae.]

Phyllodrepaniaceae Crosby, Rev. Bryol. Lichénol. 37: 347. 1970 [1971]. Type: *Phyllodrepanium* Crosby. [Published as a replacement for Drepanophyllaceae, nom. illeg.]

Phyllogoniaceae Kindb., Bot. Centralbl. 76: 85. 1898. Type: *Phyllogonium* Brid.

Physcomitrellaceae Schimp., Syn. Musc. Eur., ed. 2. LXXXIV, 7. 1876, "Physcomitrelleae." Type: *Physcomitrella* B.S.G. = **Funariaceae**.

Physcomitriaceae Schimp., Syn. Musc. Eur. 312. 1860, nom. illeg., "Physcomitrieae." Based on: *Physcomitrium* (Brid.) Fürnr. = **Funariaceae**. [The type of the earlier Funariaceae was included by Schimper when he published this name.]

Pilotrichaceae Kindb., Bot. Centralbl. 77: 54. 1899, nom. illeg. Type: *Pilotrichum* Brid., nom. illeg. = **Daltoniaceae**.

Plagiotheciaceae (Broth.) Fleisch., Nova Guinea 8: 748. 1912.

Hypnaceae subfam. Plagiothecioïdeae Broth., Nat. Pflanzenfam. I(3): 1078. 1908, "Plagiothecieae." Type: *Plagiothecium* B.S.G.

Pleuridiaceae Schimp., Coroll. Bryol. Eur. 6. 1855 [1856], nom. illeg. Type: *Pleuridium* Brid., nom. rejic. = **Archidiaceae**.

Pleurobryaceae Schimp., Syn. Musc. Eur. 325. 1860, nom. inval. = BRYACEAE. [Schimper mentioned only *Mielichhoferia* when he published this name, but said that there were other exotic genera in the family. However, no generic name exists on which to base this family name.]

PLEUROPHASCACEAE Broth., Nat. Pflanzenfam. I(3): 774. 1906. Type: *Pleurophascum* Lindb.

PLEUROZIOPSACEAE Irel., Jour. Hattori Bot. Lab. 31: 62. 1968, "Pleuroziopsidaceae." Type: *Pleuroziopsis* Kindb. ex Britt.

POLYTRICHACEAE Schwaegr. in Willd., Sp. Pl., ed. 4. 5(2): 1. 1830, "Polytrichii." Type: *Polytrichum* Hedw.

POTTIACEAE Schimp., Coroll. Bryol. Eur. 24. 1855 [1856], nom. cons. prop. Type: *Pottia* (Reichenb.) Fürnr. [This familiar name is antedated by Hyophilaceae.]

PRIONODONTACEAE Broth., Nat. Pflanzenfam. I(3): 763. 1905. Type: *Prionodon* C. Müll.

PSEUDODITRICHACEAE Steere & Iwats., Bryologist 78: 490. 1975 [1976]. Type: *Pseudoditrichum* Steere & Iwats.

Pseudoleskeaceae Schimp., Syn. Musc. Eur. 491. 1860, "Pseudoleskeeae." Type: *Pseudoleskea* B.S.G. = LESKEACEAE.

Pterigynandraceae Schimp., Syn. Musc. Eur., ed. 2. CXIII, 618. 1876, nom. rejic. prop., "Pterigynandreae." Type: *Pterigynandrum* Hedw. = ENTODONTACEAE.

PTEROBRYACEAE Kindb., Sp. Eur. Northamer. Bry. 15. 1896. Type: *Pterobryon* Hornsch.

Pterogoniaceae Schimp., Syn. Musc. Eur. 507. 1860, "Pterogonieae." Type: *Pterogonium* Sw. = LEUCODONTACEAE.

Pterygophyllaceae Braithw., Brit. Moss-Fl. 3: 193. 1903, nom. illeg. Type: *Pterygophyllum* Brid., nom. illeg. ≡ HOOKERIACEAE.

Pterygophyllaceae Rodw., Tasmanian Bryoph. 1: 10. 1914, hom. illeg. Type: *Pterygophyllum* Broth., hom. illeg. = HOOKERIACEAE.

PTYCHOMITRIACEAE Schimp., Syn. Musc. Eur. 241. 1860, "Ptychomitrieae." Type: *Ptychomitrium* Fürnr., nom. cons.

PTYCHOMNIACEAE Fleisch., Musci Fl. Buitenzorg 3: 656. 1908. Type: *Ptychomnion* (Hook. f. & Wils.) Mitt.

Pylaisiaceae Schimp., Syn. Musc. Eur. 518. 1860, "Pylaisieae." Type: *Pylaisia* Schimp. = HYPNACEAE.

RACOPILACEAE Kindb., Bot. Centralbl. 76: 85. 1898. Type: *Racopilum* P. Beauv.

REGMATODONTACEAE Broth., Nat. Pflanzenfam. I(3): 1125. 1908, "Rhegmatodontaceae." Type: *Regmatodon* Brid.

RHABDOWEISIACEAE Limpr. in Rabenh., Kryptogamen-Fl., ed. 2. 4: 271. 1886. Type: *Rhabdoweisia* B.S.G.

RHACHITHECIACEAE Robins., Bryologist 67: 448. 1964. Type: *Rhachithecium* Broth. ex Le Jol.

Rhacocarpaceae Kindb., Bot. Centralbl. 77: 55. 1899, "Racocarpaceae." Type: *Rhacocarpus* Lindb. = HEDWIGIACEAE.

RHIZOGONIACEAE Broth., Nat. Pflanzenfam. I(3): 614. 1904. Type: *Rhizogonium* Brid.

RHYTIDIACEAE Broth., Nat. Pflanzenfam., ed. 2. 11: 475. 1925. Type: *Rhytidium* (Sull.) Kindb.

Ripariaceae Schimp., Coroll. Bryol. Eur. 53. 1855 [1856], nom. inval. Type: *Cinclidotus* P. Beauv. = POTTIACEAE. [There is no generic name on which to base this family name.]

RUTENBERGIACEAE (Broth.) Fleisch., Musci Fl. Buitenzorg 3: 725. 1908. Neckeraceae subfam. Rutenbergioïdeae Broth., Nat. Pflanzenfam. I(3): 786. 1906, "Rutenbergieae." Type: *Rutenbergia* Geh. & Hampe in Besch.

Schistostegaceae Schimp., Coroll. Bryol. Eur. 54. 1855 [1856]. Type: *Schistostega* Mohr.

Seligeriaceae Schimp., Coroll. Bryol. Eur. 22. 1855 [1856]. Type: *Seligeria* B.S.G.

Sematophyllaceae Broth., Nat. Pflanzenfam. I(3): 1098. 1908, nom. cons. prop. Type: *Sematophyllum* Mitt. [See notes under Macrohymeniaceae.]

Sorapillaceae Fleisch., Musci Fl. Buitenzorg 3: 847. 1908. Type: *Sorapilla* Spruce ex Mitt.

Sphagnaceae Dum., Anal. Fam. Pl. 68. 1829, "Sphagnideae." Type: *Sphagnum* L.

Spridentaceae Kindb., Bot. Centralbl. 76: 85. 1898. Type: *Spiridens* Nees.

Splachnaceae Grev. & Arnott, Mem. Wernerian Soc. 5: 442. 1824, "Splachnoïdeae." Type: *Splachnum* Hedw.

Symphyodontaceae Fleisch., Musci Fl. Buitenzorg 4: 1110. 1923. Type: *Symphyodon* Mont. = Daltoniaceae.

Syrrhopodontaceae Fleisch., Musci Fl. Buitenzorg 1: 193. 1904. Type: *Syrrhopodon* Schwaegr. = Calymperaceae.

Systegiaceae De Not., Epil. Briol. Ital. 33. 1869, nom. illeg., "Systegiacei." Type: *Systegium* Schimp., nom. illeg. = Pottiaceae.

Tayloriaceae Schimp., Syn. Musc. Eur. 295. 1860, "Taylorieae." Type: *Tayloria* Hook. = Splachnaceae.

Tetraphidaceae Schimp., Coroll. Bryol. Eur. 37. 1855 [1856], "Tetraphideae." Type: *Tetraphis* Hedw.

Thamniaceae Mönk. in Rabenh., Kryptogamen-Fl. 4(Ergänzungsb.): 647. 1927, nom. illeg. Type: *Thamnium* B.S.G., hom. illeg. = Neckeraceae.

Theliaceae (Broth.) Fleisch., Musci Fl. Buitenzorg 4: 1485. 1923.

Leskeaceae subfam. Thelioïdeae Broth., Nat. Pflanzenfam. I(3): 981. 1907, "Thelieae." Type: *Thelia* Sull. in Sull. & Lesq.

Thuidiaceae Schimp., Syn. Musc. Eur. 493. 1860, "Thuidieae." Type: *Thuidium* B.S.G.

Timmiaceae Schimp., Coroll. Bryol. Eur. 87. 1855 [1856]. Type: *Timmia* Hedw., nom. cons.

Tortulaceae Braithw., Brit. Moss-Fl. 1: 181. 1884, nom. illeg. Based on: *Tortula* Hedw., nom. cons. ≡ Ephemeraceae. [The type of Ephemeraceae was included.]

Trachypodaceae Fleisch., Hedwigia 45: 63. 1906 [1905]. Type: *Trachypus* Reinw. & Hornsch.

Trematodontaceae De Not., Epil. Briol. Ital. 31. 1869, "Trematodontacei." Type: *Trematodon* Michx. = Dicranaceae.

Trichostomataceae Schimp., Syn. Musc. Eur. 141. 1860, "Trichostomeae." Type: *Trichostomum* Bruch, nom. cons. = Pottiaceae.

Viridivelleraceae Stone, Jour. Bryol. 9: 21. 1976. Type: *Viridivellus* Stone.

Voitiaceae Schimp., Coroll. Bryol. Eur. 5. 1855 [1856]. Type: *Voitia* Hornsch. = Splachnaceae.

Wardiaceae Welch, Bryologist 46: 26. 1943. Type: *Wardia* Harv. & Hook.

Weberaceae Braithw., Brit. Moss-Fl. 1: 291. 1887, nom. illeg. Type: *Webera* Ehrh. ex Lindb., hom. illeg. = Buxbaumiaceae.

Weissiaceae Schimp., Coroll. Bryol. Eur. 7. 1855 [1856], "Weisiaceae." Type: *Weissia* Hedw. = Pottiaceae.

Zygodontaceae Schimp., Coroll. Bryol. Eur. 39. 1855 [1856]. Type: *Zygodon* Hook. & Tayl. = Orthotrichaceae.

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